Ontario

Lake Huron Commercial Fishing Summary for 2007

Upper Great Lakes Management Unit
Lake Huron
Report TR-LHA-2008-1

Ministry of
Natural Resources

Ministère des
Richesses naturelles

Upper Great Lakes Management Unit
Lake Huron
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Lake Huron Commercial Fishing Summary for 2007

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Ontario Ministry of Natural Resources
Upper Great Lakes Management Unit
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INTRODUCTION

The commercial fishery in the Ontario waters of Lake Huron is managed by the Ontario Ministry of Natural Resources (OMNR), Upper Great Lakes Management Unit in cooperation with native and non native commercial fishermen throughout the lake. In order to assist in describing and managing this fishery, this report of commercial fishing activity is produced annually to summarize the commercial fishing activity the over past year and provide a short historical record of commercial data.

Licensed commercial fishermen in Lake Huron are required to report effort, catch and harvest information on a daily basis. In addition, commercial fisheries operating under fishing agreements are required to report similar information to the OMNR on an annual basis. These data provide the basis for the summaries found in this report and are also used in stock assessment analyses.

This report contains commercial summaries for the whole lake, for each of the three basins, and for individual Quota Management Areas (QMAs). It also contains commercial fishing statistics (harvest, effort, targeted CPUE, quota, % quota taken) for the major fish species in each of the QMAs for the period 1990 to 2007. In locations where more than one fishing gear was employed, results are given for each type of gear used.

Commercial fishing activity on Lake Huron is regulated using Individual Transferable Quotas. This method allocates a maximum harvest for all quota managed species to all licensed and controlled fisheries within a specified quota management area (Figure 1). The sum for all allocations is the total quota for a particular species in a QMA. Not all fish species in Lake Huron are quota managed. When these species are caught commercially, they are included in this report but with no associated quota value.

Every attempt has been made by all parties involved to ensure the data presented in this report are complete. The Upper Great Lakes Management Unit continues to audit and update historical commercial fish information as required, which may be result in changes in historical data presented here. For 2007, all known commercial fishing information was available at the time of printing. Although it is not expected, if more information for 2007 comes to light after printing it will be included in future reports. This report should be considered the most up to date and correct when compared to previously published reports.

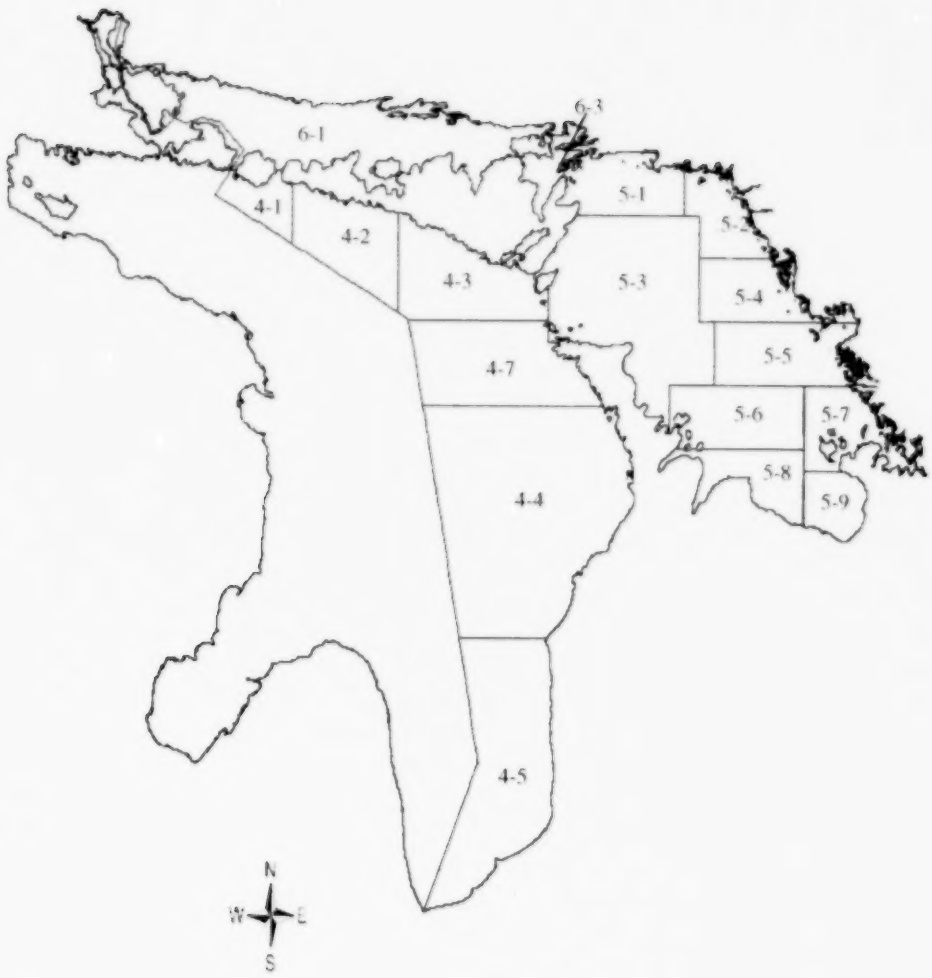

Figure 1. Quota Management Areas (QMAs) defined for managing commercial fish species in Lake Huron. Basins defined in this report include the Main Basin (4-1 to 4-7), Georgian Bay (5-1 to 5-9, and the North Channel (6-1 and 6-3).

DISCUSSION

The commercial fishery in 2007 was comprised of 37 licensed commercial fisheries and 8 Aboriginal commercial fishing agreements. The number of fisheries in Lake Huron did not change from 2006, but has declined from previous years. The majority of the fisheries continued to be gill net fisheries with 2 trap net fisheries, one in southern Lake Huron and the other in the northern main basin, off the south western shore of Manitoulin Island.

Total gillnet fishing effort for all species in 2007 was just over 15 800 km of net, up approximately 700 km from 2006. Effort in individual QMA's varied both up and down, but none changed dramatically in 2007. Targeted gillnet effort increased slightly for all the major species including lake whitefish, walleye, and yellow perch. Round whitefish was the only targeted species to see a decline in effort. Trapnet effort increased slightly in 2007 to 1 125 trapnet efforts (not duration corrected). However this is still down considerably from 3 and more years ago, mostly due to a decline in walleye targeted trap net effort.

A total of 2.185 million kg of fish were commercially harvested from Lake Huron in 2007 with an approximate landed value of $5.33 million. Commercial harvest continued to be dominated by lake whitefish (Table 1) in 2007. Lake wide lake whitefish harvest decreased almost 17% from 2006. In general, lake whitefish harvest has been declining since the late 1990's. A number of issues other than fish abundance have been implicated as contributing to lower harvests including market demand, increasing operational costs, incidental catches of non-target species, bad weather, and deteriorating environmental conditions. These factors affect all species not just lake whitefish.

Lake trout were the second highest component of the total harvest followed by yellow perch and then walleye. Lake trout catch declined about 7% from 2006, while walleye harvest declined by approximately 8%. Yellow perch and lake herring were the only two species that had an increase in harvest from 2006. Deepwater chub catch continued to be very low throughout the lake.

GLOSSARY OF TERMS

Catch - the total weight of all fish captured in commercial fishing gear. This includes harvested fish as well as any fish that are reported released alive or discarded. The term "targeted catch" refers to catch data that are specific to fishing effort directed at a single species. Catch is derived from commercial fishers' catch reports and where necessary, from records of fish purchases by wholesalers.

CPUE - Catch Per Unit of Effort. For most species CPUE equals targeted catch divided by targeted effort for that species using a single gear type (gill net or trap net). For lake trout, effort used included all targeted lake whitefish effort plus any lake trout targeted effort. For lake herring, only lake whitefish targeted effort that caught lake herring was used.

Effort - the amount of fishing gear deployed while targeting a specific species, expressed in kilometres of net for gill nets and number of net lifts for trap nets.

Harvest - the total weight of all fish that are landed, sold, or taken home and subsequently reconciled with the commercial quota. Harvest is derived from commercial fishermen's catch reports and where necessary from records of fish purchases by wholesalers.

Percent Quota Taken - the harvest expressed as a percentage of the quota.

Quota - the total allowable commercial harvest for a species within a quota management area in a given year. This is the sum of quota specified on issued commercial fishing licenses, allowed harvests under commercial fishing agreements, and any Crown held quota considered available to be harvested in a given year. Lake trout and lake whitefish quotas may include temporary allowances in addition to quota in some years. This is sometimes referred to as issued quota.

Value - the estimated dollar value of fish sold at the first point of sale (wholesale value). Value is derived from fish price information provided by the Ontario Commercial Fisheries Association (OCFA) and the harvest data.

LAKE HURON

Table 1. Catch, harvest, and quota data for all commercially caught fish species for all three basins of Lake Huron, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	8,631	1,257	63,501	2.0	1,019
Chub	487	444	227,091	0.2	0
Lake Herring	15,210	13,618	35,650	38.2	7,226
Lake Sturgeon	14,646	4,484	10,861	41.3	24,401
Lake Trout	270,086	250,116	369,169	67.8	257,610
Lake Whitefish	1,678,770	1,667,688	2,925,564	57.0	3,932,469
Northern Pike	971	894	14,972	6.0	1,406
Walleye	97,759	94,530	136,715	69.1	479,810
Yellow Perch	138,538	136,897	202,094	67.7	618,813
Sub-Total	2,225,098	2,169,928	3,985,617		5,322,754
Atlantic Salmon	34	0			0
Bigmouth Buffalo	24	24			0
Brown Bullhead	30	9			0
Brown Trout	1	1			0
Burbot	8,302	80			0
Chinook Salmon	2,285	156			0
Common Carp	1,975	64			0
Freshwater Drum	15,006	3,348			0
Gizzard Shad	1,072	194			0
Longnose Gar	16	0			0
Muskellunge	329	0			0
Pink Salmon	180	95			0
Quillback	11	11			0
Rainbow Smelt	161	45			0
Rainbow Trout	320	142			0
Redhorse Suckers	3,607	2,665			0
Rock Bass	70	7			0
Round Whitefish	7,078	5,634			3,398
Sea Lamprey	1,871	1,871			0
Shorthead Redhorse	7	0			0
Smallmouth Bass	4,191	0			0
Suckers	24,095	184			0
Sunfish	1	0			0
White Bass	1,539	1,073			1,467
White Perch	168	10			11
White Sucker	590	0			0
Total	2,298,061	2,185,541	3,985,617		5,327,629

LAKE HURON MAIN BASIN

Table 4.1. Catch, harvest, and quota data for all commercially caught fish species from the main basin of Lake Huron, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	8,568	1,253	55,932	2.2	1,019
Chub	32	0	142,187	0.0	0
Lake Herring	148	145	4,950	2.9	77
Lake Sturgeon	8,851	3,922	5,049	77.7	22,542
Lake Trout	192,235	179,358	215,074	83.4	199,482
Lake Whitefish	1,196,272	1,189,736	2,069,665	57.5	2,825,893
Northern Pike	21	17	1,737	1.0	19
Walleye	81,518	80,006	113,881	70.3	412,683
Yellow Perch	136,775	135,134	152,707	88.5	610,729
Sub-Total	1,624,421	1,589,571	2,761,182		4,072,443
Atlantic Salmon	34	0			0
Bigmouth Buffalo	24	24			0
Burbot	3,582	10			0
Chinook Salmon	106	0			0
Common Carp	1,114	64			0
Freshwater Drum	14,989	3,348			0
Gizzard Shad	471	194			0
Muskellunge	329	0			0
Quillback	11	11			0
Rainbow Smelt	75	0			0
Rainbow Trout	75	0			0
Redhorse Suckers	3,146	2,665			0
Rock Bass	11	7			0
Round Whitefish	365	265			221
Sea Lamprey	1,125	1,125			0
Smallmouth Bass	4,139	0			0
Suckers	6,484	11			0
White Bass	1,284	1,073			1,467
White Perch	167	10			11
White Sucker	590	0			0
Total	1,662,540	1,598,378	2,761,182		4,074,141

MANAGEMENT AREA 4-1

Table 4-1.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-1, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	1,287	0.0	0
Chub	0	0	5,710	0.0	0
Lake Herring	13	10	150	6.7	5
Lake Sturgeon	0	0	203	0.0	0
Lake Trout	12,717	11,440	17,300	66.1	7,566
Lake Whitefish	36,698	36,389	94,785	38.4	64,179
Northern Pike	0	0	0	--	0
Walleye	32	32	519	6.2	140
Yellow Perch	0	0	50	0.0	0
Sub-Total	49,460	47,871	120,004		71,890
Burbot	484	0			0
Chinook Salmon	24	0			0
Rainbow Smelt	0	0			0
Round Whitefish	79	24			14
Sea Lamprey	293	293			0
Suckers	440	11			0
Total	50,780	48,199	120,004		71,905

LAKE WHITEFISH

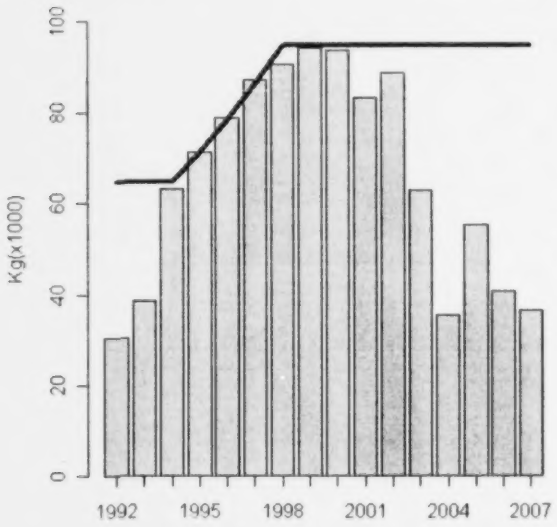

Figure 4-1.1. Lake whitefish quota (line) and harvest (bars) from management area 4-1.

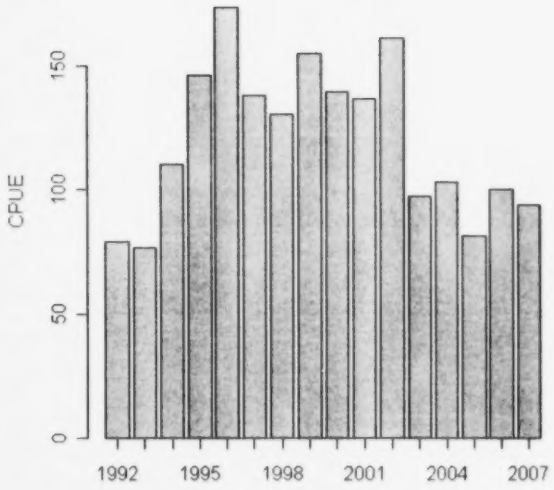

Figure 4-1.2. Lake whitefish gill net CPUE (kg/km) for management area 4-1.

Table 4-1.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-1, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	28360	388.6	72.9	71932	39.4
1991	13339	229.2	56.6	71932	18.5
1992	30563	385.0	79.1	64750	47.2
1993	38558	503.3	76.5	64739	59.5
1994	63092	571.3	110.4	64739	97.4
1995	71226	488.3	145.8	71213	100.0
1996	78825	453.5	173.1	78335	100.6
1997	87266	632.1	138.0	86168	101.2
1998	90781	697.5	130.4	94785	95.7
1999	94377	610.3	154.8	94785	99.5
2000	93865	645.1	139.5	94785	99.0
2001	83474	612.2	136.6	94785	88.0
2002	88782	552.2	160.9	94785	93.6
2003	62990	646.6	97.4	94785	66.4
2004	35485	346.4	102.9	94785	37.4
2005	55331	680.4	81.3	94785	58.3
2006	40637	406.7	99.9	94785	42.8
2007	36389	365.4	93.8	94785	38.3

CHUB

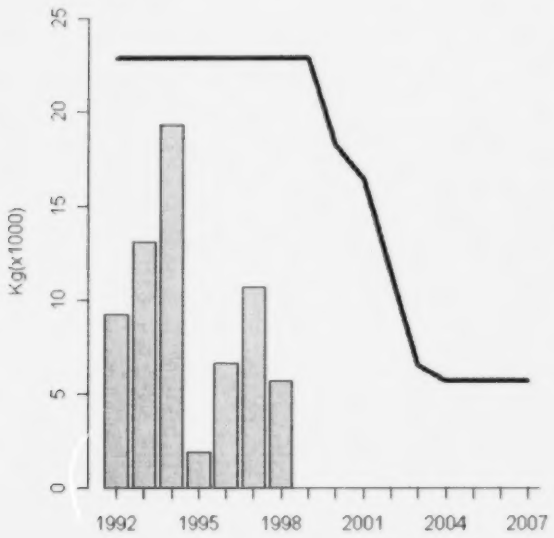

Figure 4-1.3. Chub quota (line) and harvest (bars) from management area 4-1.

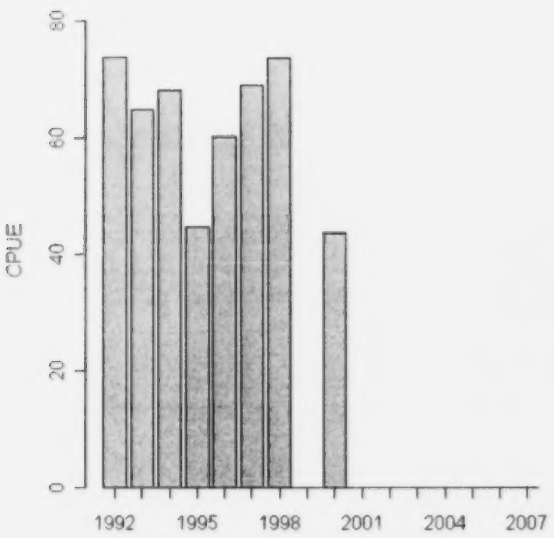

Figure 4-1.4. Chub gill net CPUE (kg/km) for management area 4-1.

Table 4-1.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-1, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	21819	269.6	80.9	22833	95.5
1991	3291	37.0	88.9	22833	14.4
1992	9262	125.6	73.7	22837	40.5
1993	13104	202.1	64.8	22833	57.3
1994	19341	283.9	68.0	22833	84.7
1995	1917	42.9	44.6	22833	8.3
1996	6678	111.0	60.1	22833	29.2
1997	10694	154.8	68.8	22833	46.8
1998	5675	75.4	73.5	22833	24.8
1999	63	0.0	--	22833	0.2
2000	48	1.0	47.9	18267	0.2
2001	0	0.0	--	16438	0.0
2002	0	0.0	--	11418	0.0
2003	0	0.0	--	6517	0.0
2004	0	0.0	--	5709	0.0
2005	0	0.0	--	5708	0.0
2006	0	0.0	--	5708	0.0
2007	0	0.0	--	5710	0.0

LAKE TROUT

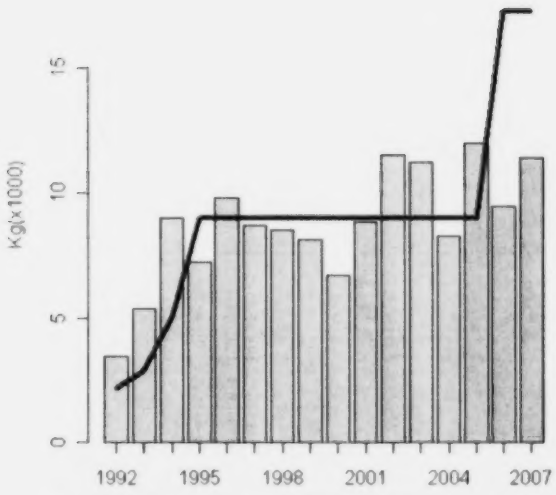

Figure 4-1.5. Lake trout quota (line) and harvest (bars) from management area 4-1.

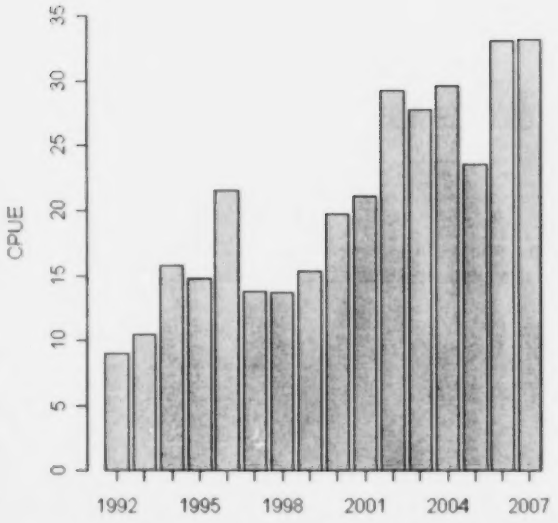

Figure 4-1.6. Lake trout gill net CPUE (kg/km) for management area 4-1.

Table 4-1.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-1, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	1532	3.9	1572	97.4
1991	2213	8.8	1572	140.7
1992	3464	8.9	2194	157.8
1993	5368	10.5	2884	186.1
1994	8994	15.7	5086	176.8
1995	7227	14.8	9017	80.1
1996	9794	21.5	9017	108.6
1997	8718	13.7	9017	96.6
1998	8537	13.7	9017	94.6
1999	8149	15.3	9017	90.3
2000	6708	19.7	9017	74.3
2001	8880	21.1	9017	98.4
2002	11554	29.2	9017	128.1
2003	11254	27.7	9017	124.8
2004	8278	29.6	9017	91.8
2005	12008	23.5	9017	133.1
2006	9461	33.1	17300	54.6
2007	11440	33.1	17300	66.1

MANAGEMENT AREA 4-2

Table 4-2.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-2, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	22	0	3,636	0.0	0
Chub	0	0	10,898	0.0	0
Lake Herring	135	135	600	22.5	71
Lake Sturgeon	5	0	357	0.0	0
Lake Trout	15,962	12,338	19,730	62.5	8,160
Lake Whitefish	191,646	186,998	246,667	75.8	329,805
Northern Pike	5	0	129	0.0	0
Walleye	27	22	373	5.9	97
Yellow Perch	0	0	200	0.0	0
Sub-Total	207,801	199,493	282,590		338,133
Atlantic Salmon	34	0			0
Burbot	1,838	0			0
Chinook Salmon	58	0			0
Common Carp	4	4			0
Freshwater Drum	11	11			0
Rainbow Trout	18	0			0
Round Whitefish	33	22			13
Sea Lamprey	828	828			0
Suckers	2,548	0			0
Total	213,171	200,358	282,590		338,146

LAKE WHITEFISH

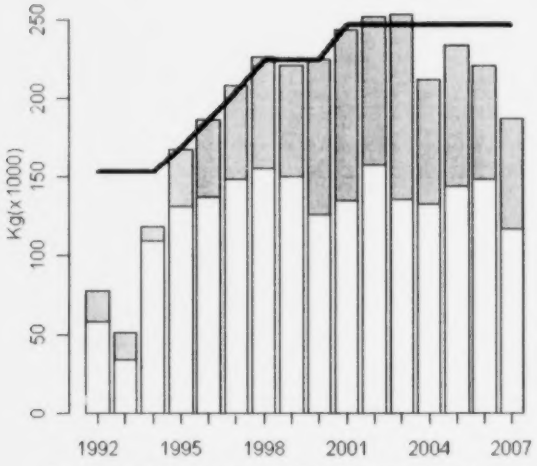

Figure 4-2.1. Lake whitefish quota (line) and harvest (bars) from management area 4-2.

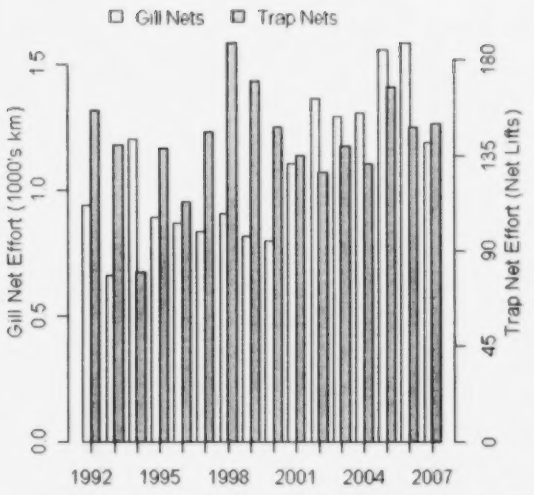

Figure 4-2.2. Lake whitefish effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-2.

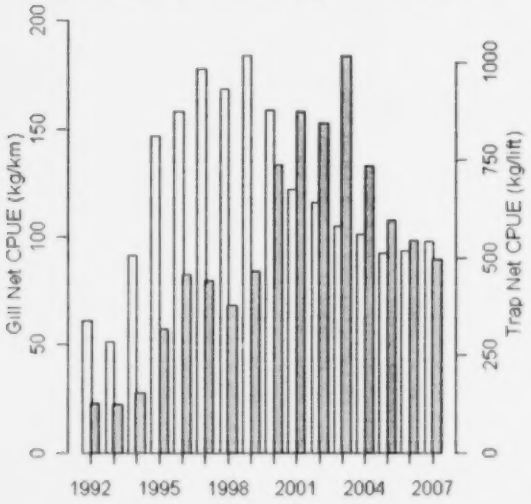

Figure 4-2.3. Lake whitefish gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-2.

Table 4-2.2. Lake whitefish harvest, targeted effort, CPUE and quota data from quota management area 4-2, 1990 to 2007.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1990	42690	18481	61171	676.1	188.0	62.9	97.3	153161	39.9
1991	63578	24702	88280	972.3	194.0	65.3	127.2	153161	57.6
1992	58000	19793	77793	940.0	156.0	61.2	125.4	153187	50.7
1993	33988	17554	51542	660.1	140.0	51.2	125.3	153161	33.6
1994	109560	8605	118165	1203.3	80.0	91.0	154.0	153161	77.1
1995	130933	36503	167436	893.1	138.0	146.5	317.6	168477	99.3
1996	136896	49470	186366	866.3	113.0	158.0	456.6	185325	100.5
1997	148895	59143	208038	837.1	146.0	177.8	442.2	203858	102.0
1998	155314	71117	226431	904.7	188.0	168.5	376.6	224243	100.9
1999	149732	71219	220951	815.1	170.0	183.6	465.9	224243	98.5
2000	126105	98897	225002	795.9	148.0	158.4	736.9	224243	100.3
2001	134954	108469	243423	1106.6	135.0	121.9	873.3	246667	98.6
2002	157725	94395	252120	1364.2	127.0	115.6	845.2	246667	102.2
2003	135762	117779	253541	1295.1	139.0	104.8	1017.0	246667	102.7
2004	132388	79621	212009	1308.2	131.0	101.1	735.6	246667	85.9
2005	143874	89680	233554	1557.7	167.0	92.3	597.4	246667	94.6
2006	148630	72391	221021	1586.5	148.0	93.6	543.9	246667	89.6
2007	116676	70323	186999	1191.3	150.0	97.9	497.5	246667	75.8

CHUB

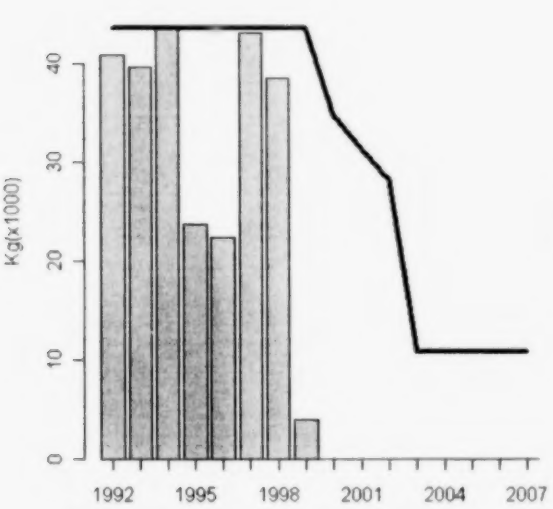

Figure 4-2.4. Chub quota (line) and harvest (bars) from management area 4-2.

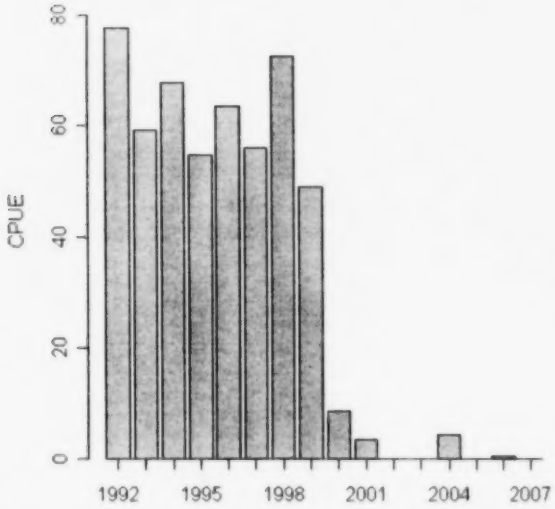

Figure 4-2.5. Chub gill net CPUE (kg/km) for management area 4-2.

Table 4-2.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-2, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	43566	322.6	135.0	43582	99.9
1991	41531	429.6	96.6	43582	95.2
1992	40845	526.5	77.5	43589	93.7
1993	39617	668.7	59.2	43582	90.9
1994	43460	641.7	67.7	43582	99.7
1995	23803	434.3	54.8	43582	54.6
1996	22429	352.6	63.6	43582	51.4
1997	43127	771.2	55.9	43582	98.9
1998	38519	531.7	72.4	43582	88.3
1999	4069	150.8	48.9	43582	9.3
2000	118	27.4	8.7	34866	0.3
2001	68	16.4	3.5	31379	0.2
2002	0	0.0	--	28242	0.0
2003	0	0.0	--	10897	0.0
2004	10	6.1	4.5	10898	0.0
2005	0	0.0	--	10897	0.0
2006	0	2.4	0.5	10897	0.0
2007	0	0.0	--	10898	0.0

LAKE TROUT

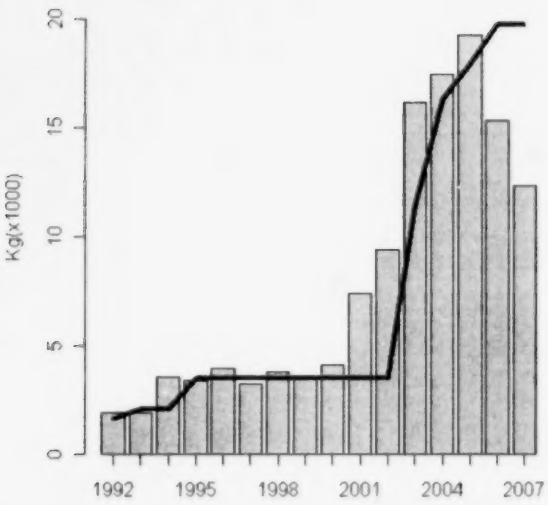

Figure 4-2.6. Lake trout quota (line) and harvest (bars) from management area 4-2.

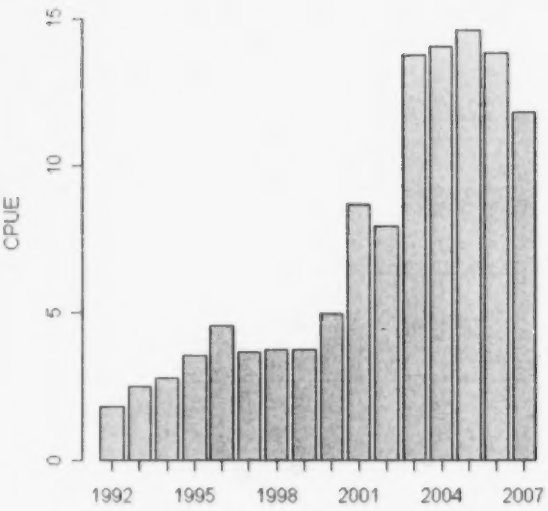

Figure 4-2.7. Lake trout gill net CPUE (kg/km) for management area 4-2.

Table 4-2.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-2, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	1104	1.3	1356	81.4
1991	1716	1.6	1356	126.5
1992	1918	1.8	1661	115.4
1993	1926	2.5	2078	92.6
1994	3572	2.8	2078	171.8
1995	3399	3.5	3489	97.4
1996	3947	4.5	3489	113.1
1997	3219	3.6	3489	92.2
1998	3762	3.7	3489	107.8
1999	3526	3.7	3489	i01.0
2000	4133	4.9	3489	118.4
2001	7362	8.6	3489	211.0
2002	9383	7.9	3489	268.9
2003	16160	13.7	11307	142.9
2004	17456	14.0	16307	107.0
2005	19284	14.5	17937	107.5
2006	15311	13.8	19730	77.6
2007	12338	11.8	19730	62.5

MANAGEMENT AREA 4-3

Table 4-3.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-3, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	4	4	4,154	0.1	0
Chub	0	0	9,276	0.0	0
Lake Herring	0	0	1,050	0.0	0
Lake Sturgeon	11	11	149	7.4	38
Lake Trout	11,318	8,871	21,502	41.3	5,867
Lake Whitefish	49,625	49,605	164,346	30.2	87,487
Northern Pike	0	0	763	0.0	0
Walleye	9	9	600	1.5	39
Yellow Perch	0	0	1,607	0.0	0
Sub-Total	60,967	58,500	203,447		93,432
Burbot	773	0			0
Chinook Salmon	6	0			0
Common Carp	45	0			0
Rainbow Smelt	0	0			0
Round Whitefish	29	0			0
Sea Lamprey	4	4			0
Suckers	2,252	0			0
Total	64,077	58,504	203,447		93,432

LAKE WHITEFISH

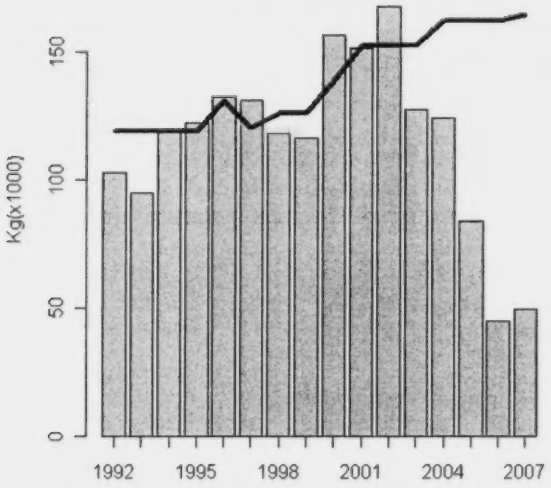

Figure 4-3.1. Lake whitefish quota (line) and harvest (bars) from management area 4-3.

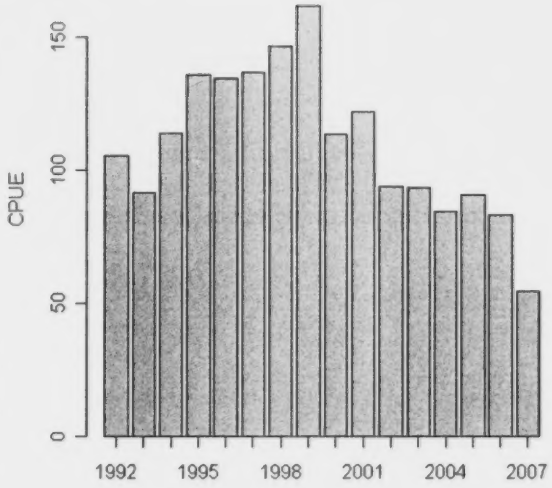

Figure 4-3.2. Lake whitefish gill net CPUE (kg/km) for management area 4-3.

Table 4-3.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-3, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	69565	836.4	77.3	88263	78.8
1991	105981	1088.7	97.1	108377	97.7
1992	103090	977.9	105.2	119235	86.4
1993	95072	1013.0	91.8	119214	79.7
1994	119563	1046.2	114.0	119214	100.2
1995	122469	902.6	135.6	119214	102.7
1996	132837	955.5	134.3	131137	101.2
1997	131175	956.5	136.8	120611	108.7
1998	118148	796.7	146.2	126190	93.6
1999	116226	720.0	161.4	126190	92.1
2000	156613	1381.5	113.3	138808	112.8
2001	151778	1181.2	122.0	152684	99.4
2002	167643	1746.2	93.7	152684	109.7
2003	127326	1339.6	93.4	152684	83.3
2004	124419	1477.0	84.2	162346	76.6
2005	84166	926.3	90.8	162346	51.8
2006	45324	544.7	83.2	162346	27.9
2007	49605	911.7	54.4	164346	30.1

CHUB

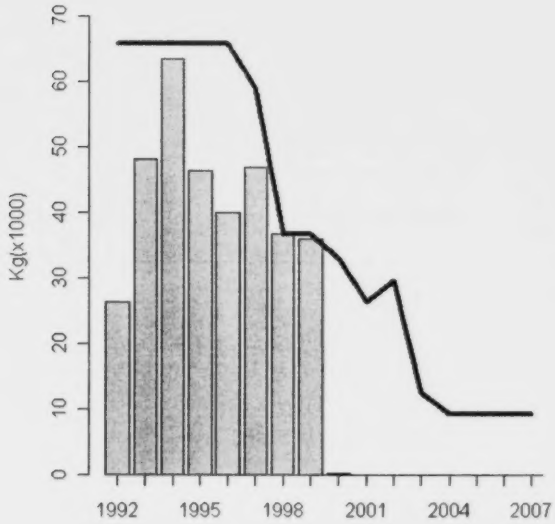

Figure 4-3.3. Chub quota (line) and harvest (bars) from management area 4-3.

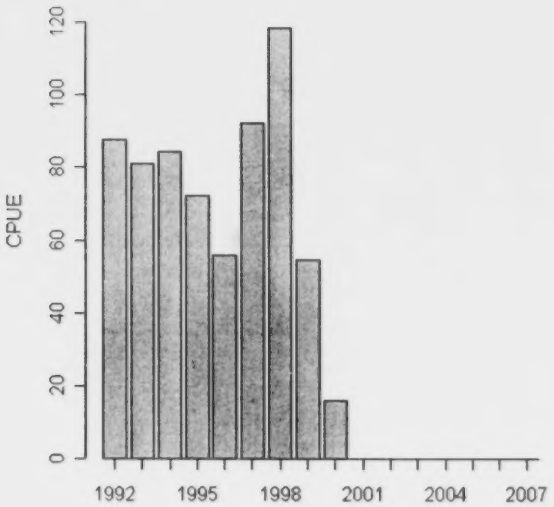

Figure 4-3.4. Chub gill net CPUE (kg/km) for management area 4-3.

Table 4-3.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-3, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	44705	429.0	104.2	65751	67.9
1991	33335	422.5	78.8	65751	50.6
1992	26429	301.9	87.5	65763	40.1
1993	48128	593.9	81.0	65751	73.1
1994	63500	750.1	84.4	65751	96.5
1995	46447	641.6	72.3	65751	70.6
1996	40072	714.7	56.0	65751	60.9
1997	46866	508.2	92.2	59177	79.1
1998	36747	310.8	118.2	36727	100.0
1999	36067	816.1	54.8	36727	98.2
2000	295	47.5	16.2	33054	0.8
2001	0	0.0	--	26443	0.0
2002	0	0.0	--	29749	0.0
2003	0	0.0	--	12574	0.0
2004	0	0.0	--	9276	0.0
2005	0	0.0	--	9276	0.0
2006	0	0.0	--	9276	0.0
2007	0	0.0	--	9276	0.0

LAKE TROUT

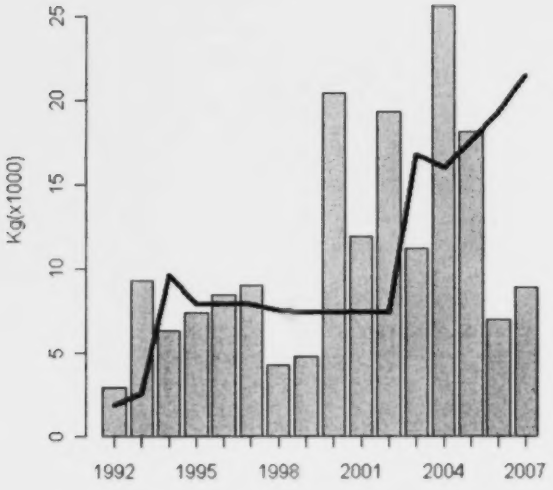

Figure 4-3.5. Lake trout quota (line) and harvest (bars) from management area 4-3.

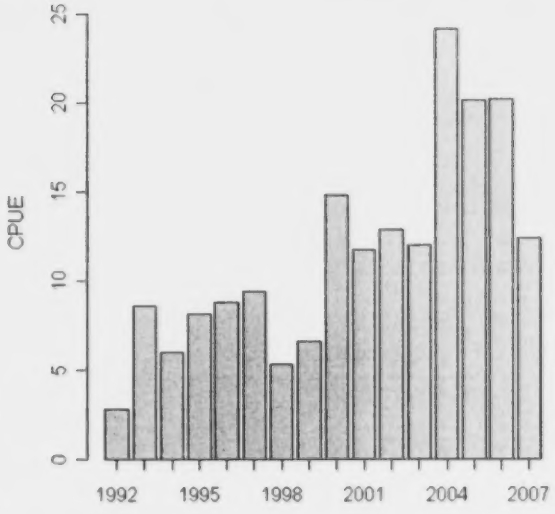

Figure 4-3.6. Lake trout gill net CPUE (kg/km) for management area 4-3.

Table 4-3.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-3, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	3094	3.3	1821	169.9
1991	2210	1.9	1871	118.1
1992	2896	2.8	1871	154.7
1993	9276	8.6	2610	355.4
1994	6336	6.0	9663	65.5
1995	7387	8.1	7865	93.9
1996	8431	8.8	7869	107.1
1997	9012	9.4	7869	114.5
1998	4287	5.3	7509	57.0
1999	4772	6.6	7356	64.8
2000	20441	14.8	7356	277.8
2001	11863	11.7	7356	161.2
2002	19292	12.8	7356	262.2
2003	11199	12.0	16787	66.7
2004	25551	24.1	15951	160.1
2005	18079	20.1	17536	103.0
2006	6984	20.2	19290	36.2
2007	8871	12.4	21502	41.2

MANAGEMENT AREA 4-4

Table 4-4.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-4, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	182	182	0	--	148
Chub	0	0	64,632	0.0	0
Lake Herring	0	0	500	0.0	0
Lake Sturgeon	0	0	100	0.0	0
Lake Trout	21,887	21,887	7,998	273.7	26,539
Lake Whitefish	188,869	188,869	424,368	44.5	483,001
Northern Pike	15	15	393	3.8	17
Walleye	415	415	742	55.9	2,141
Yellow Perch	423	423	9,372	4.5	1,912
Sub-Total	211,790	211,791	508,105		513,758
Rock Bass	7	7			0
Total	211,797	211,798	508,105		513,758

LAKE WHITEFISH

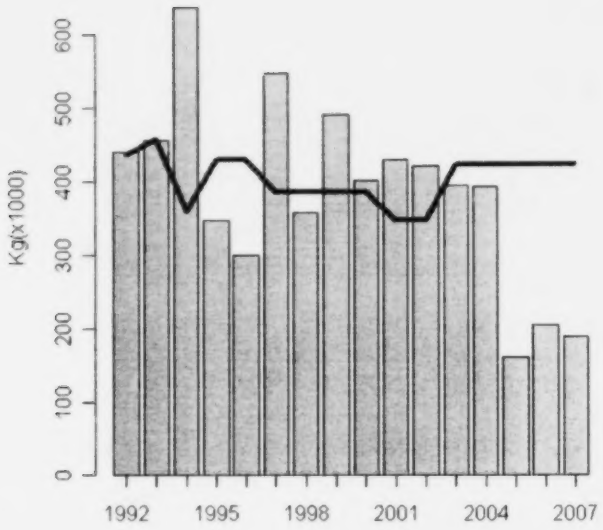

Figure 4-4.1. Lake whitefish quota (line) and harvest (bars) from management area 4-4.

Table 4-4.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-4, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	364072	1275.8	285.3	360244	101.0
1991	424122	1196.0	354.1	432293	98.1
1992	439351	1155.8	379.4	435968	100.7
1993	456555	1309.4	348.6	458208	99.6
1994	636249	836.5	424.1	359923	176.7
1995	347371	958.3	312.5	428716	81.0
1996	300129	703.1	381.6	428716	70.0
1997	546628	920.6	346.6	384845	142.0
1998	357804	778.7	244.1	385845	92.7
1999	490878	220.4	542.5	385845	127.2
2000	402133	765.4	243.9	385845	104.2
2001	429688	1789.6	187.5	347261	123.7
2002	420510	1650.8	244.9	347261	121.0
2003	395019	1755.3	224.6	423216	93.3
2004	392067	2019.6	193.7	423216	92.6
2005	160283	857.5	187.0	423216	37.8
2006	204502	836.5	243.8	423216	48.3
2007	188869	919.7	204.1	424368	44.5

CHUB

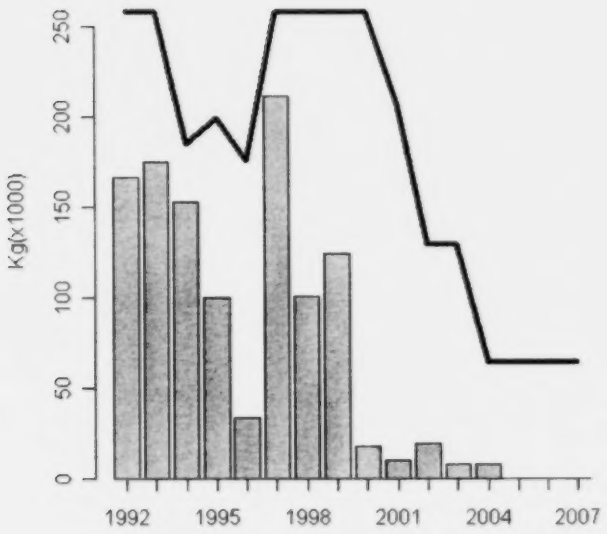

Figure 4-4.2. Chub quota (line) and harvest (bars) from management area 4-4.

Table 4-4.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-4, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	187751	913.9	200.9	257211	72.9
1991	191136	1306.9	146.2	258385	73.9
1992	166356	982.1	171.1	258530	64.3
1993	175423	1042.9	168.2	258173	67.9
1994	152890	902.3	153.0	185347	82.4
1995	100013	846.3	114.1	199406	50.1
1996	33852	254.1	121.7	176254	19.2
1997	211326	78.5	238.7	258173	81.8
1998	101157	0.0	--	258173	39.1
1999	124754	16.4	109.7	258173	48.3
2000	18108	0.0	--	258173	7.0
2001	10592	0.0	--	206538	5.1
2002	19701	0.0	--	129265	15.2
2003	8382	0.0	--	129265	6.4
2004	7971	0.0	--	64632	12.3
2005	0	0.0	--	64632	0.0
2006	0	0.0	--	64632	0.0
2007	0	0.0	--	64632	0.0

YELLOW PERCH

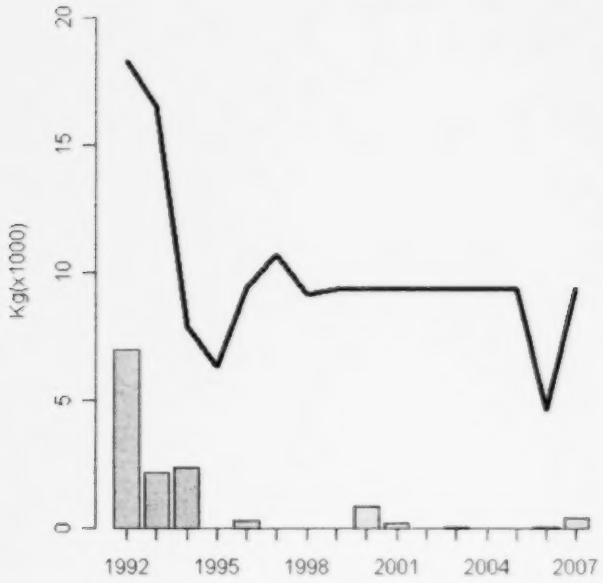

Figure 4-4.3. Yellow perch quota (line) and harvest (bars) from management area 4-4.

Table 4-4.4. Yellow perch harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-4, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	13559	327.8	40.1	18327	73.9
1991	13425	352.6	36.7	18253	73.5
1992	6968	206.2	32.0	18255	38.1
1993	2169	91.3	23.3	16492	13.1
1994	2377	66.2	35.1	7877	30.1
1995	5	1.4	0.0	6301	0.0
1996	332	4.5	73.5	9387	3.5
1997	1	0.0	--	10687	0.0
1998	12	1.8	6.6	9164	0.1
1999	0	0.0	--	9372	0.0
2000	885	10.5	84.2	9372	9.4
2001	207	2.7	76.6	9372	2.2
2002	40	0.0	--	9372	0.4
2003	80	4.1	4.8	9372	0.8
2004	23	0.0	--	9372	0.2
2005	0	0.0	--	9372	0.0
2006	93	11.4	5.4	4686	1.9
2007	423	8.8	22.8	9372	4.5

LAKE TROUT

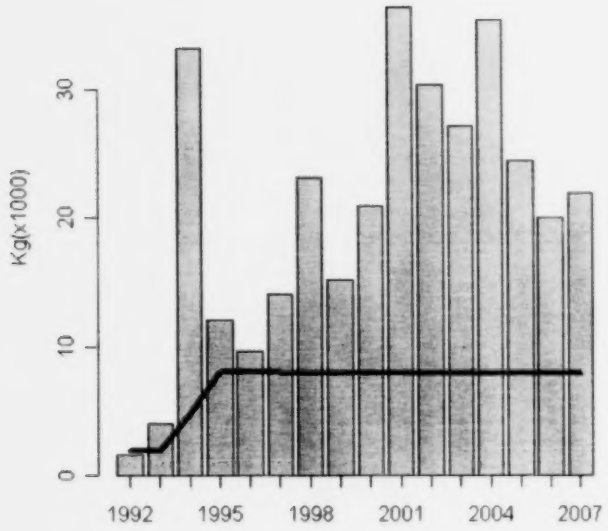

Figure 4-4.4. Lake trout quota (line) and harvest (bars) from management area 4-4.

Table 4-4.5. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-4, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	1650	1.2	1582	104.2
1991	2002	2.0	1659	120.6
1992	1650	1.4	1999	82.5
1993	4048	3.0	2006	201.7
1994	33137	9.4	4889	677.7
1995	12116	11.6	8093	149.7
1996	9701	13.7	8093	119.8
1997	14079	15.2	8093	173.9
1998	23122	29.6	7998	289.0
1999	15243	69.1	7998	190.5
2000	20894	27.2	7998	261.2
2001	36343	20.3	7998	454.4
2002	30371	18.3	7998	379.7
2003	27140	15.4	7998	339.3
2004	35353	17.5	7998	442.0
2005	24414	28.5	7998	305.2
2006	19997	23.9	7998	250.0
2007	21887	23.7	7998	273.6

MANAGEMENT AREA 4-5

Table 4-5.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-5, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	8,359	1,067	46,855	2.3	870
Chub	32	0	36,883	0.0	0
Lake Herring	0	0	2,600	0.0	0
Lake Sturgeon	8,835	3,911	4,240	92.2	22,504
Lake Trout	129,363	123,832	147,615	83.9	150,150
Lake Whitefish	727,032	725,473	1,054,822	68.8	1,855,278
Northern Pike	2	2	227	0.9	2
Walleye	81,035	79,528	111,222	71.5	410,266
Yellow Perch	136,352	134,711	140,596	95.8	608,817
Sub-Total	1,091,011	1,068,524	1,545,060		3,047,888
Bigmouth Buffalo	24	24			0
Burbot	486	10			0
Chinook Salmon	18	0			0
Common Carp	1,065	60			0
Freshwater Drum	14,978	3,337			0
Gizzard Shad	471	194			0
Muskellunge	329	0			0
Quillback	11	11			0
Rainbow Smelt	75	0			0
Rainbow Trout	57	0			0
Redhorse Suckers	3,146	2,665			0
Rock Bass	4	0			0
Round Whitefish	225	219			193
Smallmouth Bass	4,139	0			0
Suckers	1,244	0			0
White Bass	1,284	1,073			1,467
White Perch	167	10			11
White Sucker	590	0			0
Total	1,119,322	1,076,127	1,545,060		3,049,559

LAKE WHITEFISH

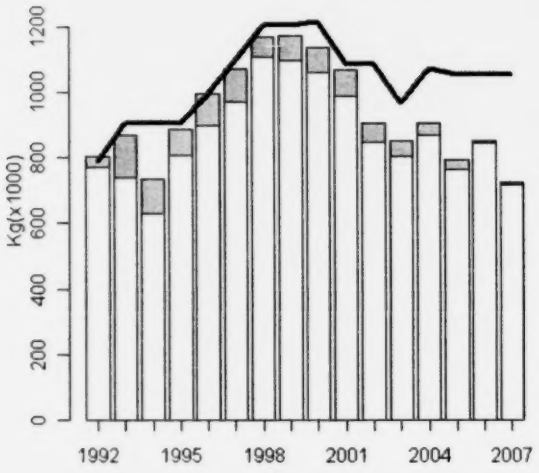

Figure 4-5.1. Lake whitefish quota (line) and harvest (bars) from management area 4-5.

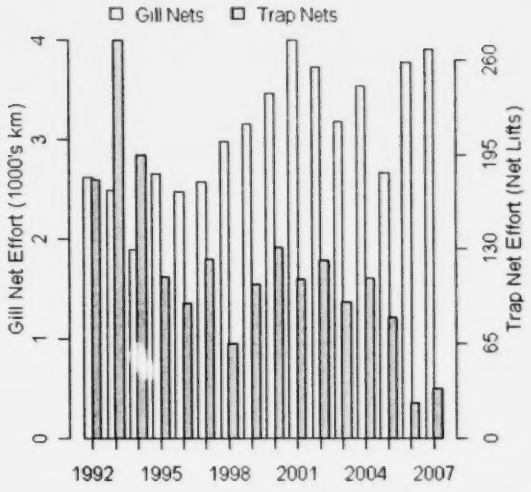

Figure 4-5.2. Lake whitefish effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-5.

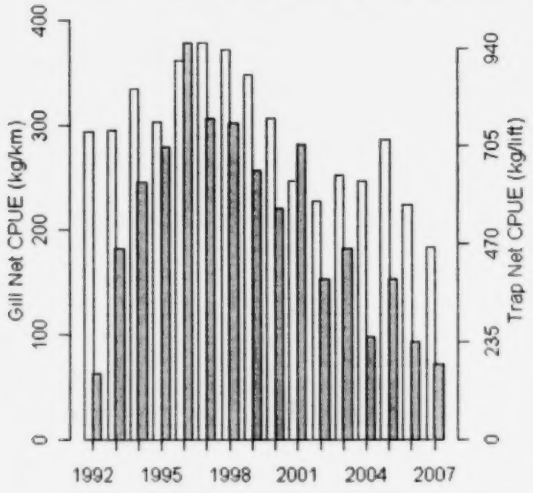

Figure 4-5.3. Lake whitefish gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-5.

Table 4-5.2. Lake whitefish harvest, targeted effort, CPUE and quota data from quota management area 4-5, 1990 to 2007.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1990	633247	19486	652733	2030.4	148.0	311.0	117.3	625697	104.3
1991	689106	34741	723847	2815.7	131.0	243.1	237.0	753515	96.0
1992	773148	31177	804325	2619.1	178.0	293.6	159.2	790823	101.7
1993	739411	129514	868925	2485.7	274.0	295.0	459.2	906882	95.8
1994	632418	104350	736768	1883.9	195.0	334.3	618.8	906885	81.2
1995	808073	78755	886828	2646.1	111.0	302.5	702.7	906885	97.7
1996	899818	95704	995522	2473.6	93.0	361.3	953.1	997575	99.7
1997	973041	100735	1073776	2563.1	123.0	378.6	770.6	1097331	97.8
1998	1109171	63271	1172442	2966.7	65.0	372.2	759.1	1207877	97.0
1999	1100328	73450	1173778	3144.9	106.0	348.0	646.9	1207068	97.2
2000	1062717	77248	1139965	3460.8	131.0	306.2	555.5	1218707	93.5
2001	989794	78872	1068666	3995.9	109.0	247.2	710.1	1086370	98.3
2002	848880	55975	904855	3722.0	122.0	227.9	385.9	1086370	83.2
2003	805679	47276	852955	3177.0	94.0	252.8	458.3	969662	87.9
2004	871814	33540	905354	3528.2	110.0	246.5	247.4	1072824	84.3
2005	764253	30331	794584	2666.4	83.0	285.8	385.7	1054822	75.3
2006	845277	6343	851620	3766.5	24.0	224.1	235.1	1054822	80.7
2007	717051	8422	725473	3897.4	34.0	183.5	180.1	1054822	68.7

CHUB

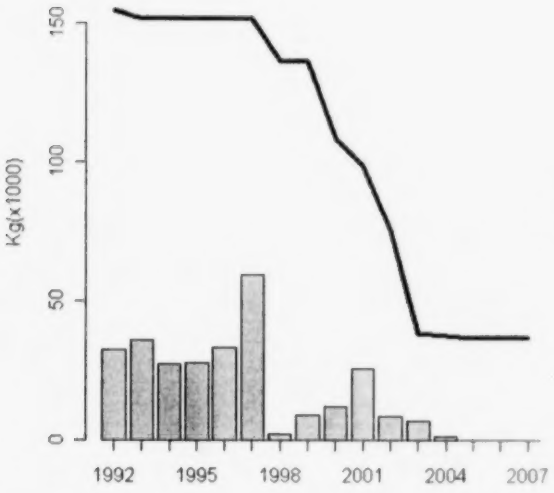

Figure 4-5.4. Chub quota (line) and harvest (bars) from management area 4-5.

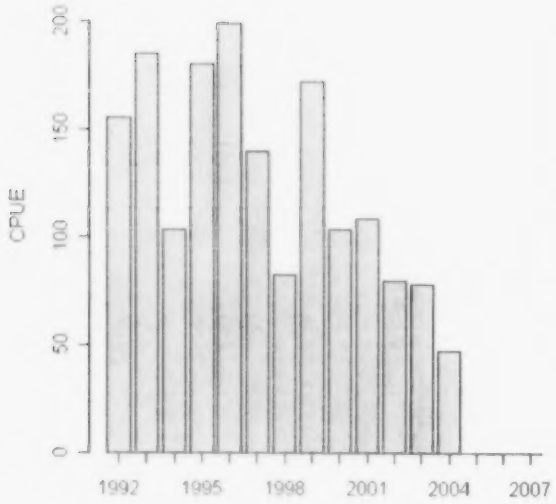

Figure 4-5.5. Chub gill net CPUE (kg/km) for management area 4-5.

Table 4-5.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-5, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	32442	135.8	216.4	151161	21.4
1991	20447	95.5	191.0	153251	13.3
1992	32506	205.3	155.7	154757	21.0
1993	36310	193.3	185.3	151722	23.9
1994	27400	256.8	103.5	151722	18.0
1995	28133	155.4	180.4	151722	18.5
1996	33733	149.5	198.7	151722	22.2
1997	59769	420.5	139.8	151722	39.3
1998	2286	25.7	82.6	136549	1.6
1999	9358	53.4	172.6	136549	6.8
2000	11996	116.1	103.2	109240	10.9
2001	25710	237.0	108.4	98314	26.1
2002	8569	106.8	80.0	75873	11.2
2003	7064	89.7	78.4	38828	18.1
2004	1492	30.7	47.7	37933	3.9
2005	0	0.0	--	36876	0.0
2006	0	0.0	--	36879	0.0
2007	0	0.0	--	36883	0.0

YELLOW PERCH

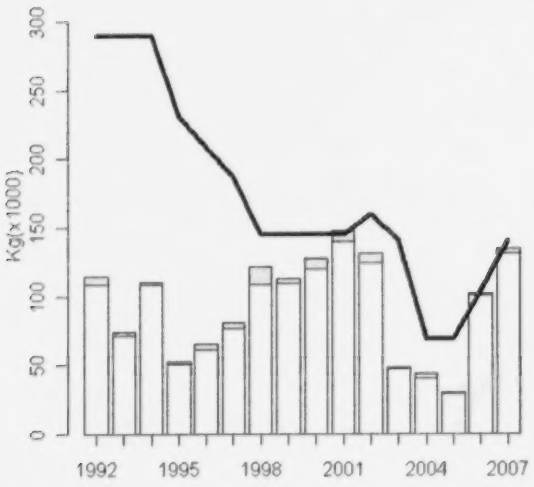

Figure 4-5.6. Yellow perch quota (line) and harvest (bars) from management area 4-5.

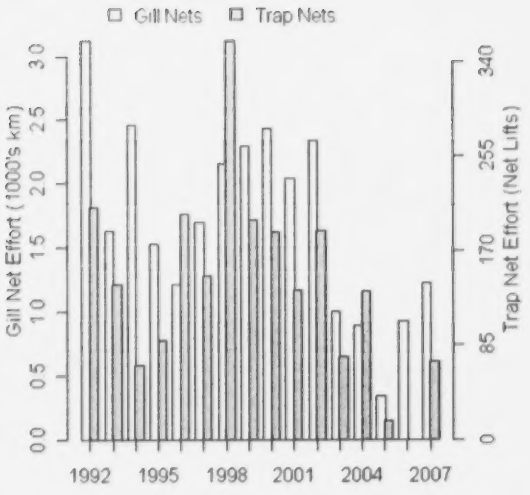

Figure 4-5.7. Yellow perch effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-5.

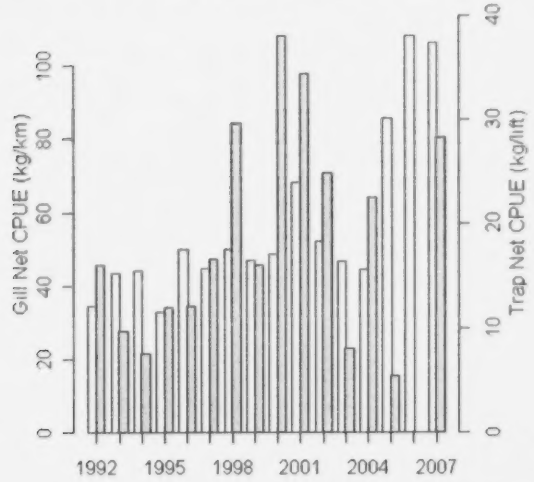

Figure 4-5.8. Yellow perch gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-5.

Table 4-5.4. Yellow perch harvest, targeted effort, CPUE and quota data from quota management area 4-5, 1990 to 2007.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1990	182236	4148	186384	3056.5	160.0	59.4	11.9	264894	70.3
1991	210363	10504	220867	4259.4	257.0	49.2	22.6	281996	78.3
1992	108775	5716	114491	3117.2	209.0	34.5	16.0	289539	39.5
1993	71309	2455	73764	1629.1	140.0	43.3	9.7	289027	25.5
1994	108811	1832	110643	2459.5	67.0	44.0	7.6	289027	38.2
1995	50449	2381	52830	1529.1	90.0	32.9	11.9	231233	22.8
1996	61499	3579	65078	1216.5	203.0	49.8	12.0	208113	31.2
1997	76286	4378	80664	1695.8	147.0	44.5	16.6	187307	43.0
1998	108469	12743	121212	2155.6	359.0	50.0	29.7	144794	83.7
1999	109225	3609	112834	2288.4	198.0	47.0	16.0	144794	77.9
2000	119624	7999	127623	2433.7	187.0	48.7	38.0	144794	88.1
2001	139629	7382	147011	2038.3	135.0	68.2	34.4	144794	101.5
2002	123608	7501	131109	2341.3	188.0	52.1	24.9	159276	82.3
2003	47108	1467	48575	1001.2	75.0	46.8	8.0	141483	34.3
2004	40270	3596	43866	889.9	133.0	44.4	22.5	69011	63.5
2005	29618	440	30058	344.3	17.0	85.5	5.4	69011	43.5
2006	100786	408	101194	928.7	0.0	108.2	0.0	103385	97.8
2007	130905	3806	134711	1227.2	70.0	106.3	28.3	140596	95.8

WALLEYE

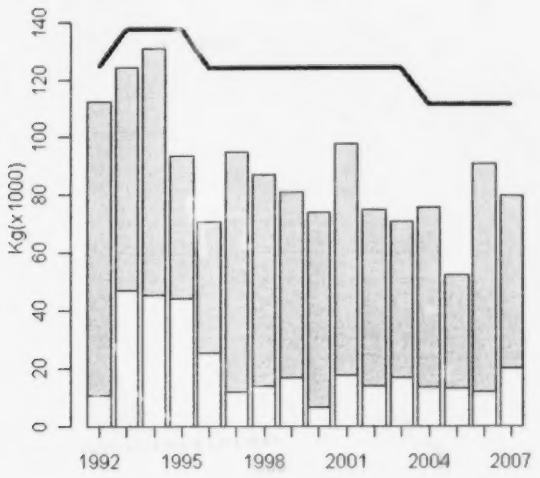

Figure 4-5.9. Walleye quota (line) and harvest (bars) from management area 4-5.

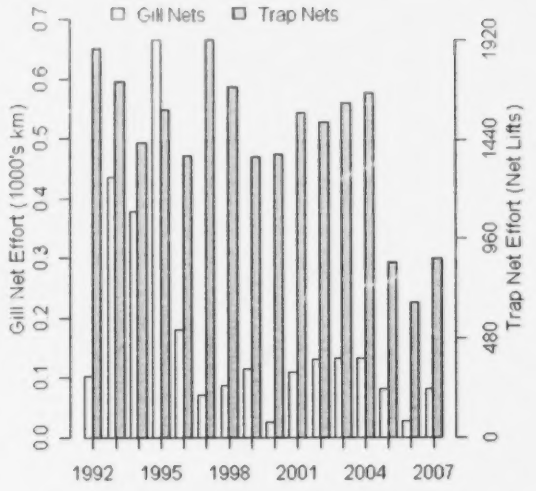

Figure 4-5.10. Walleye effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-5.

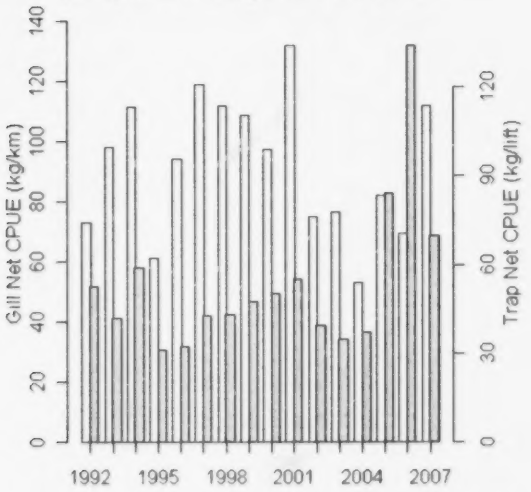

Figure 4-5.11. Walleye gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-5.

Table 4-5.5. Walleye harvest, targeted effort, CPUE and quota data from quota management area 4-5, 1990 to 2007.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1990	9351	118901	128252	30.9	1965.0	170.0	59.2	138462	92.6
1991	10683	112075	122758	153.8	2050.0	39.0	53.8	125043	98.1
1992	10793	101778	112571	103.6	1883.0	72.9	52.4	124687	90.2
1993	47153	77233	124386	435.9	1726.0	98.1	41.8	137433	90.5
1994	45350	85641	130991	378.0	1429.0	111.2	58.8	137433	95.3
1995	43974	49828	93802	665.3	1590.0	61.0	31.2	137433	68.2
1996	25227	45609	70836	179.4	1362.0	94.1	32.3	123697	57.2
1997	11664	83005	94669	70.8	1926.0	118.8	42.5	123697	76.5
1998	14046	73055	87101	86.4	1699.0	111.6	42.9	123697	70.4
1999	16882	64043	80925	114.6	1360.0	108.5	47.2	123697	65.4
2000	6686	67218	73904	24.8	1371.0	97.3	50.0	123697	59.7
2001	17641	79951	97592	108.7	1570.0	131.8	54.9	123697	78.8
2002	13966	60784	74750	130.7	1527.0	75.0	39.5	123697	60.4
2003	16645	54200	70845	132.2	1617.0	76.5	34.7	123697	57.2
2004	13412	62110	75522	131.8	1669.0	53.0	37.1	111332	67.8
2005	12916	39460	52376	80.6	849.0	81.9	83.9	111222	47.0
2006	11891	78800	90691	28.0	653.0	69.2	134.0	111222	81.5
2007	19812	59716	79528	80.5	864.0	111.7	69.7	111222	71.5

LAKE TROUT

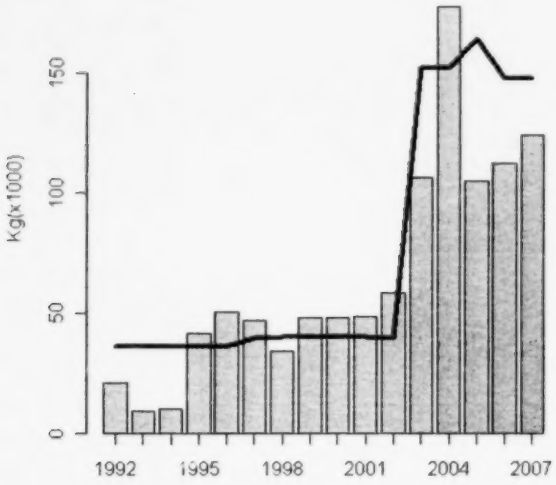

Figure 4-5.12. Lake trout quota (line) and harvest (bars) from management area 4-5.

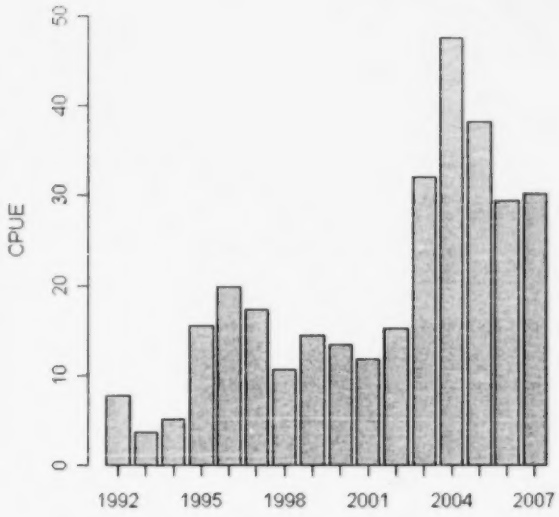

Figure 4-513. Lake trout gill net CPUE (kg/km) for management area 4-5.

Table 4-5.6. Lake trout harvest by gear and quota for management area 4-5, 1990 to 2007.

Year	Harvest (kg)			Quota	% Quota
	Gill	Trap	Total	(kg)	Taken
1990	10490	1443	11933	36908	32.3
1991	14281	562	14842	37096	40.0
1992	20495	708	21204	36680	57.8
1993	9216	310	9527	36674	25.9
1994	9644	641	10286	36674	28.0
1995	41008	712	41720	36674	113.7
1996	48849	1624	50473	36674	137.6
1997	44569	2661	47231	39660	119.0
1998	31861	2482	34343	40406	84.9
1999	44432	3708	48140	40406	119.1
2000	43391	4751	48142	40406	119.1
2001	45095	3595	48690	40406	120.5
2002	54558	3669	58227	39987	145.6
2003	99055	7592	106647	151875	70.2
2004	166900	10305	177205	151875	116.6
2005	98906	6273	105179	164013	64.1
2006	108342	4039	112381	147615	76.1
2007	117181	6651	123832	147615	83.8

CHANNEL CATFISH

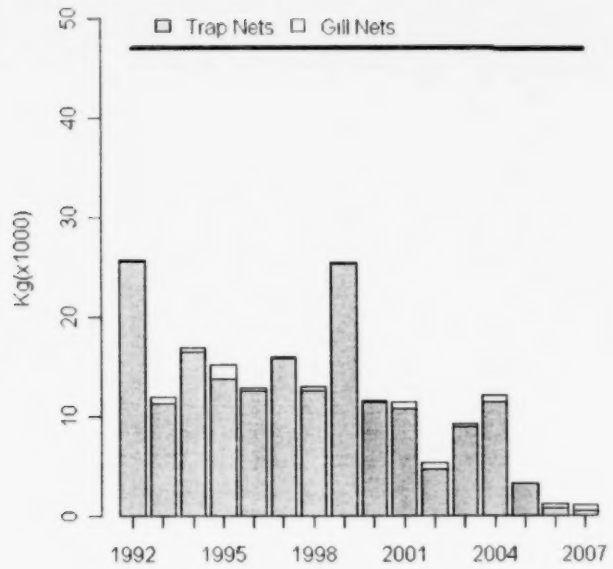

Figure 4-5.14. Channel catfish quota (line) and harvest (bars) from management area 4-5.

Table 4-5.7. Channel catfish harvest by gear and quota for management area 4-5, 1990 to 2007.

Year	Harvest (kg)			Quota	% Quota
	Gill	Trap	Total	(kg)	Taken
1990	705	27578	28283	46734	60.5
1991	790	19957	20747	45679	45.4
1992	216	25587	25803	46962	54.9
1993	625	11374	12000	46955	25.5
1994	408	16540	16948	46955	36.0
1995	1391	13783	15173	46955	32.3
1996	292	12601	12892	46955	27.4
1997	144	15862	16006	46955	34.0
1998	316	12669	12985	46955	27.6
1999	180	25342	25522	46955	54.3
2000	146	11442	11588	46955	24.6
2001	648	10775	11424	46955	24.3
2002	699	4734	5433	46955	11.5
2003	251	8976	9227	46955	19.6
2004	690	11494	12183	46955	25.9
2005	39	3264	3302	46855	7.0
2006	402	822	1224	46855	2.6
2007	481	586	1067	46855	2.2

LAKE STURGEON

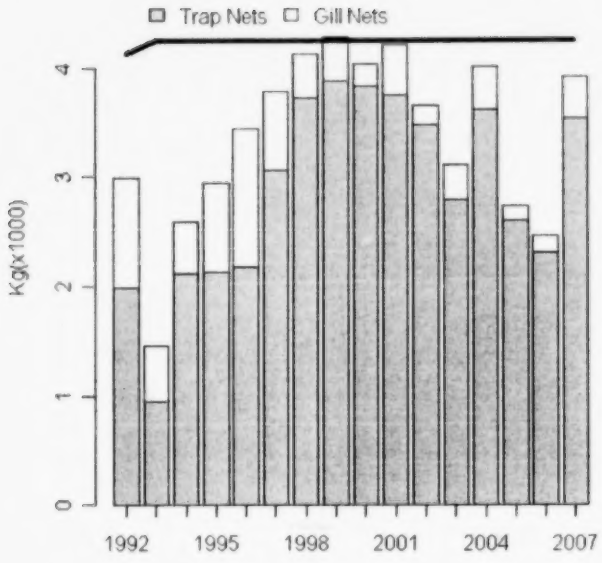

Figure 4-5.15. Lake sturgeon quota (line) and harvest (bars) from management area 4-5.

Table 4-5.8. Lake sturgeon harvest by gear and quota for management area 4-5, 1990 to 2007.

Year	Harvest (kg)			Quota	% Quota
	Gill	Trap	Total	(kg)	Taken
1990	756	2594	3350	3587	93.3
1991	1778	1642	3420	3587	95.3
1992	1009	1984	2994	4128	72.5
1993	509	953	1462	4240	34.4
1994	476	2115	2591	4240	61.1
1995	813	2134	2947	4240	69.5
1996	1255	2181	3435	4240	81.0
1997	720	3069	3789	4240	89.3
1998	404	3723	4127	4240	97.3
1999	398	3879	4276	4240	100.8
2000	199	3831	4030	4240	95.0
2001	460	3750	4210	4240	99.2
2002	173	3481	3655	4240	86.2
2003	323	2789	3112	4240	73.3
2004	393	3618	4011	4240	94.5
2005	122	2608	2731	4240	64.4
2006	149	2312	2462	4240	58.0
2007	370	3541	3911	4240	92.2

MANAGEMENT AREA 4-7

Table 4-7.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-7, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	14,788	0.0	0
Lake Herring	0	0	50	0.0	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	990	990	929	106.6	1,200
Lake Whitefish	2,402	2,402	84,677	2.8	6,143
Northern Pike	0	0	225	0.0	0
Walleye	0	0	425	0.0	0
Yellow Perch	0	0	882	0.0	0
Sub-Total	3,392	3,392	101,976		7,343
Total	3,392	3,392	101,976		7,343

LAKE WHITEFISH

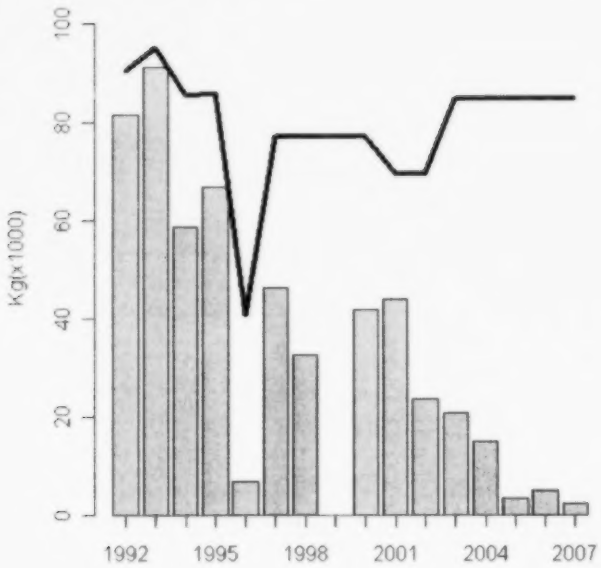

Figure 4-7.1. Lake whitefish quota (line) and harvest (bars) from management area 4-7.

Table 4-7.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-7, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	71891	308.7	232.8	73518	97.7
1991	92367	401.2	230.2	95084	97.1
1992	81581	416.6	195.8	90400	90.2
1993	91315	509.0	179.4	95037	96.0
1994	58576	446.0	130.6	85514	68.4
1995	66765	706.9	94.3	85966	77.6
1996	6853	28.9	237.1	40772	16.8
1997	46345	87.5	354.8	76980	60.2
1998	32696	140.2	231.9	76979	42.4
1999	63	3.7	16.9	76979	0.0
2000	41761	94.5	197.4	76979	54.2
2001	43881	349.0	97.5	69281	63.3
2002	23702	246.0	91.6	69281	34.2
2003	20929	140.3	108.9	84677	24.7
2004	15050	151.9	99.0	84677	17.7
2005	3415	79.7	42.6	84677	4.0
2006	5148	102.6	50.1	84677	6.0
2007	2402	68.5	35.0	84677	2.8

CHUB

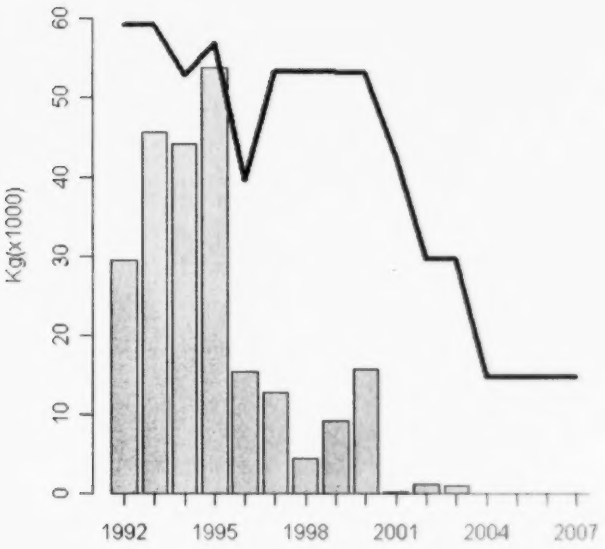

Figure 4-7.2. Chub quota (line) and harvest (bars) from management area 4-7.

Table 4-7.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-7, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	23695	269.6	87.8	55463	42.7
1991	26309	289.3	90.9	59141	44.4
1992	29417	251.8	116.8	59151	49.7
1993	45712	470.7	97.1	59141	77.2
1994	44162	488.1	90.2	52791	83.6
1995	53740	855.0	62.8	56873	94.4
1996	15453	169.5	65.4	39543	39.0
1997	12771	18.7	241.5	53277	23.9
1998	4532	0.0	--	53277	8.5
1999	9292	0.0	--	53277	17.4
2000	15696	0.0	--	53227	29.4
2001	172	0.0	--	42581	0.4
2002	1154	0.0	--	29576	3.9
2003	1053	0.0	--	29576	3.5
2004	18	0.0	--	14788	0.1
2005	97	0.0	--	14788	0.6
2006	79	0.0	--	14788	0.5
2007	0	0.0	--	14788	0.0

GEORGIAN BAY

Table 5.1. Catch, harvest, and quota data for all commercially caught fish species in Georgian Bay, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	28	4	908	0.4	0
Chub	446	443	84,904	0.5	0
Lake Herring	1,199	844	7,050	12.0	468
Lake Sturgeon	4,199	154	1,356	11.4	465
Lake Trout	59,615	53,443	106,547	50.2	46,676
Lake Whitefish	302,990	300,041	500,035	60.0	792,798
Northern Pike	91	90	3,677	2.4	155
Walleye	2,904	2,808	8,740	32.1	15,727
Yellow Perch	0	0	25,616	0.0	0
Sub-Total	371,473	357,827	738,833		856,288
Brown Trout	1	1			0
Burbot	645	21			0
Chinook Salmon	212	156			0
Common Carp	817	0			0
Freshwater Drum	14	0			0
Gizzard Shad	601	0			0
Longnose Gar	16	0			0
Rainbow Trout	191	131			0
Redhorse Suckers	12	0			0
Round Whitefish	3,388	3,374			1,990
Sea Lamprey	2	2			0
Shorthead Redhorse	7	0			0
Smallmouth Bass	52	0			0
Suckers	3,511	0			0
White Bass	5	0			0
White Perch	2	0			0
Total	380,948	361,512	738,833		858,278

MANAGEMENT AREA 5-1

Table 5-1.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-1, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	4,264	0.0	0
Lake Herring	672	672	2,000	33.6	356
Lake Sturgeon	0	0	637	0.0	0
Lake Trout	6,700	6,700	14,454	46.4	4,431
Lake Whitefish	57,445	57,089	110,779	51.5	100,687
Northern Pike	41	41	1,632	2.5	64
Walleye	535	535	1,971	27.1	2,347
Yellow Perch	0	0	11,899	0.0	0
Sub-Total	65,392	65,037	147,636		107,885
Burbot	14	14			0
Round Whitefish	3,232	3,232			1,924
Total	68,639	68,283	147,636		109,809

LAKE WHITEFISH

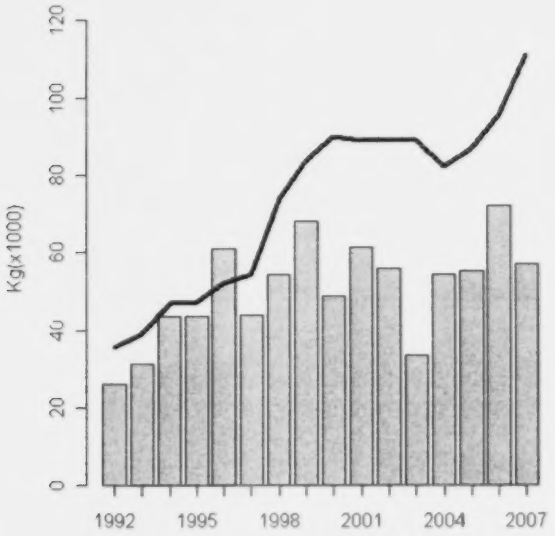

Figure 5-1.1. Lake whitefish quota (line) and harvest (bars) from management area 5-1.

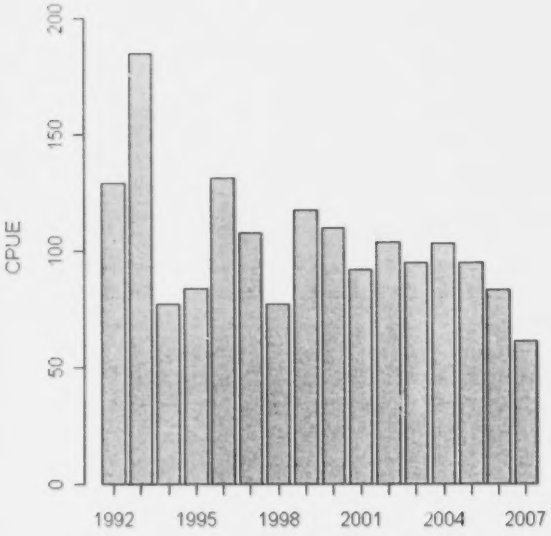

Figure 5-1.2. Lake whitefish gill net CPUE (kg/km) for management area 5-1.

Table 5-1.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-1, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	7461	86.6	80.5	33722	22.1
1991	19069	236.9	72.2	28741	66.3
1992	26231	195.7	128.8	35526	73.8
1993	31200	165.9	184.4	39075	79.8
1994	43577	561.6	77.2	46891	92.9
1995	43459	519.2	83.6	47285	91.9
1996	61111	443.3	130.9	52014	117.4
1997	44008	408.6	107.4	54316	81.0
1998	54427	699.4	77.0	73747	73.8
1999	68097	556.2	117.2	83747	81.3
2000	48700	442.5	109.6	89722	54.2
2001	61387	453.0	91.7	88722	69.1
2002	55782	442.5	103.4	88722	62.8
2003	33400	352.5	94.7	88722	37.6
2004	54160	526.1	103.0	82231	65.8
2005	55138	581.7	94.7	86595	63.6
2006	71916	865.7	83.0	95255	75.4
2007	57089	933.2	61.1	110779	51.5

CHUB

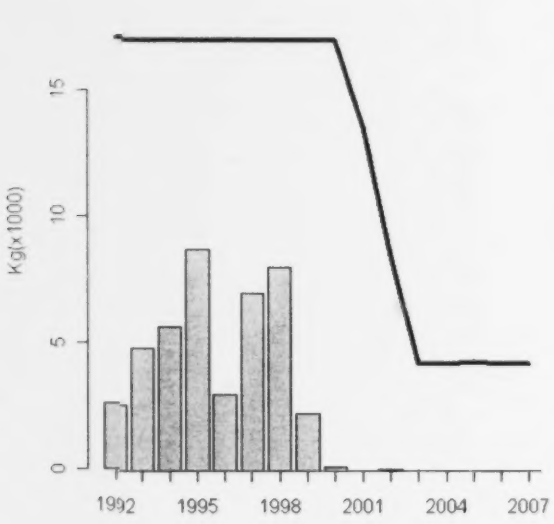

Figure 5-1.3. Chub quota (line) and harvest (bars) from management area 5-1.

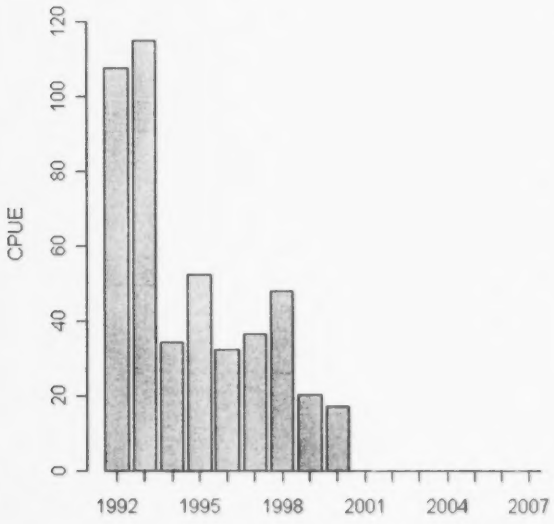

Figure 5-1.4. Chub gill net CPUE (kg/km) for management area 5-1.

Table 5-1.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-1, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	751	3.6	167.7	17052	4.4
1991	9093	141.9	63.9	13654	66.5
1992	2620	23.7	107.8	17055	15.3
1993	4880	42.5	114.8	17052	28.6
1994	5704	165.9	34.2	17052	33.4
1995	8802	167.3	52.3	17052	51.6
1996	3023	90.7	32.4	17052	17.7
1997	7020	179.2	36.5	17052	41.1
1998	8075	167.7	47.9	17052	47.3
1999	2304	112.7	20.4	17052	13.5
2000	167	9.6	17.3	17052	0.9
2001	0	0.0	--	13641	0.0
2002	57	0.0	--	8527	0.6
2003	0	0.0	--	4262	0.0
2004	0	0.0	--	4264	0.0
2005	0	0.0	--	4349	0.0
2006	0	0.0	--	4264	0.0
2007	0	0.0	--	4264	0.0

LAKE TROUT

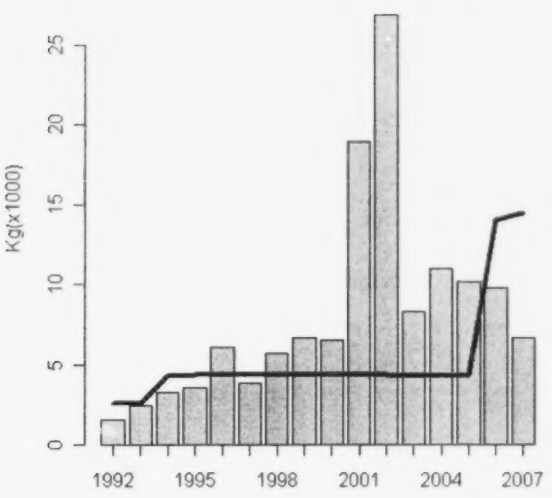

Figure 5-1.5. Lake trout quota (line) and harvest (bars) from management area 5-1.

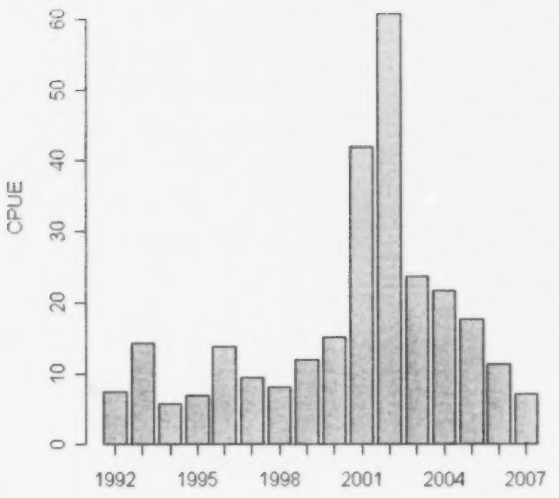

Figure 5-1.6. Lake trout gill net CPUE (kg/km) for management area 5-1.

Table 5-1.4. Lake trout harvest and quota for management area 5-1, 1990 to 2007.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1990	1223	2596	47.1
1991	1187	2596	45.7
1992	1585	2596	61.0
1993	2467	2596	95.0
1994	3263	4308	75.7
1995	3597	4418	81.4
1996	6126	4418	138.6
1997	3867	4418	87.5
1998	5729	4418	129.6
1999	6677	4418	151.1
2000	6573	4418	148.7
2001	18882	4418	427.3
2002	26808	4418	606.7
2003	8317	4329	192.1
2004	11014	4329	254.4
2005	10205	4418	230.9
2006	9776	14000	69.8
2007	6700	14454	46.3

MANAGEMENT AREA 5-2

Table 5-2.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-2, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	4,008	0.0	0
Lake Herring	388	38	1,700	2.2	26
Lake Sturgeon	7	0	39	0.0	0
Lake Trout	6,908	5,170	11,587	44.6	4,787
Lake Whitefish	29,480	29,412	37,233	79.0	89,482
Northern Pike	38	38	456	8.3	70
Walleye	1,792	1,705	4,106	41.5	10,036
Yellow Perch	0	0	734	0.0	0
Sub-Total	38,612	36,363	59,863		104,401
Burbot	28	4			0
Chinook Salmon	3	0			0
Common Carp	60	0			0
Rainbow Trout	7	7			0
Redhorse Suckers	3	0			0
Suckers	384	0			0
White Bass	5	0			0
Total	39,102	36,374	59,863		104,401

LAKE WHITEFISH

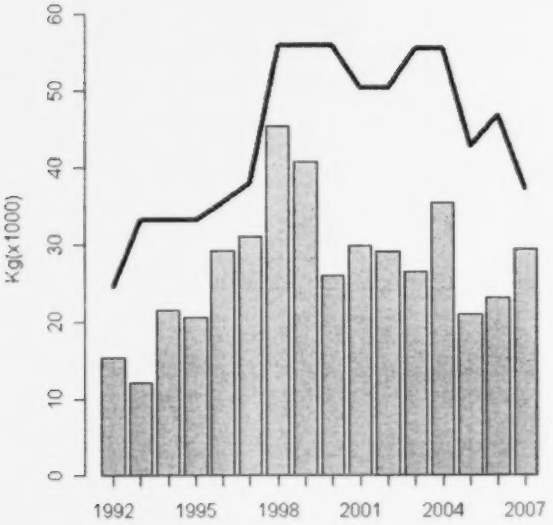

Figure 5-2.1. Lake whitefish quota (line) and harvest (bars) from management area 5-2.

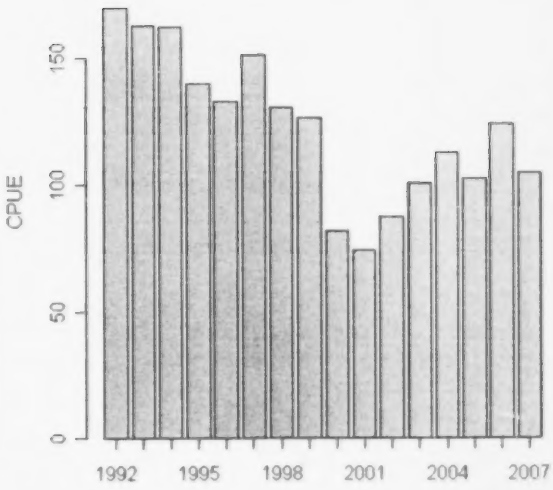

Figure 5-2.2. Lake whitefish gill net CPUE (kg/km) for management area 5-2.

Table 5-2.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-2, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	2532	8.6	216.0	18541	13.6
1991	12407	51.1	210.6	31550	39.3
1992	15397	82.5	169.4	24649	62.4
1993	12073	62.2	162.3	33136	36.4
1994	21518	131.5	161.9	33137	64.9
1995	20558	146.2	139.5	33136	62.0
1996	29164	215.9	132.5	35453	82.2
1997	31036	204.5	150.9	38003	81.6
1998	45393	344.8	130.3	55804	81.3
1999	40763	323.9	125.8	55804	73.0
2000	25891	316.9	81.6	55804	46.3
2001	29853	403.3	73.9	50304	59.3
2002	29042	333.8	86.9	50304	57.7
2003	26443	264.1	100.0	55334	47.7
2004	35399	318.2	112.3	55334	63.9
2005	20924	205.7	101.9	42743	48.9
2006	23072	186.3	123.6	46743	49.3
2007	29412	279.7	104.5	37233	78.9

CHUB

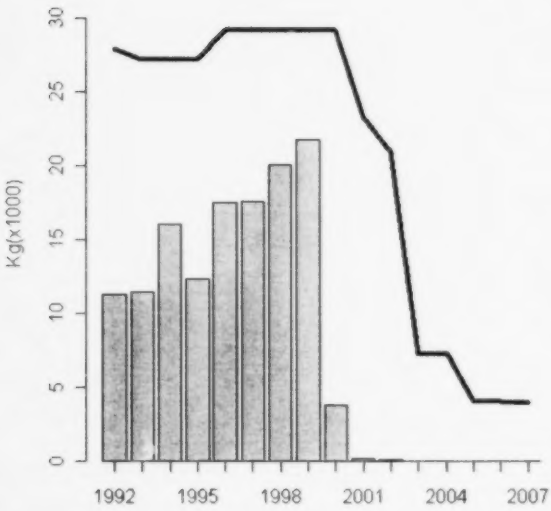

Figure 5-2.3. Chub quota (line) and harvest (bars) from management area 5-2.

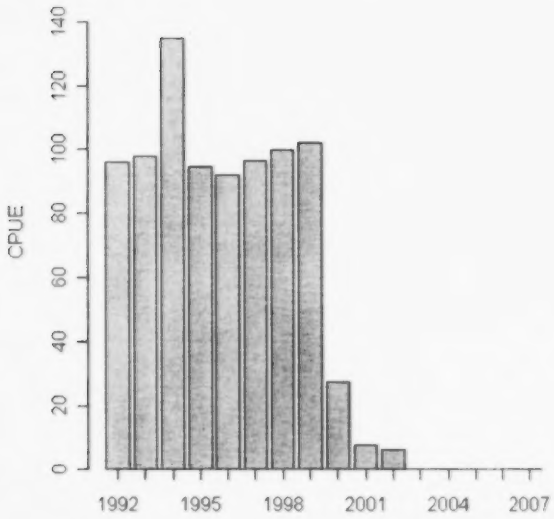

Figure 5-2.4. Chub gill net CPUE (kg/km) for management area 5-2.

Table 5-2.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-2, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	92	0.0	--	20001	0.4
1991	3093	33.8	84.6	20000	15.4
1992	11351	117.9	96.2	27903	40.6
1993	11495	116.6	98.1	27163	42.3
1994	16057	118.3	134.6	27163	59.1
1995	12335	130.6	94.4	27163	45.4
1996	17531	189.9	91.9	29163	60.1
1997	17582	180.0	96.4	29163	60.2
1998	20107	195.5	99.8	29163	68.9
1999	21781	213.2	102.1	29163	74.6
2000	3825	138.4	27.2	29163	13.1
2001	203	26.3	7.7	23342	0.8
2002	124	20.6	5.9	21011	0.5
2003	0	0.0	--	7327	0.0
2004	0	0.0	--	7328	0.0
2005	0	0.0	--	4032	0.0
2006	0	0.9	0.0	4032	0.0
2007	0	0.0	--	4008	0.0

WALLEYE

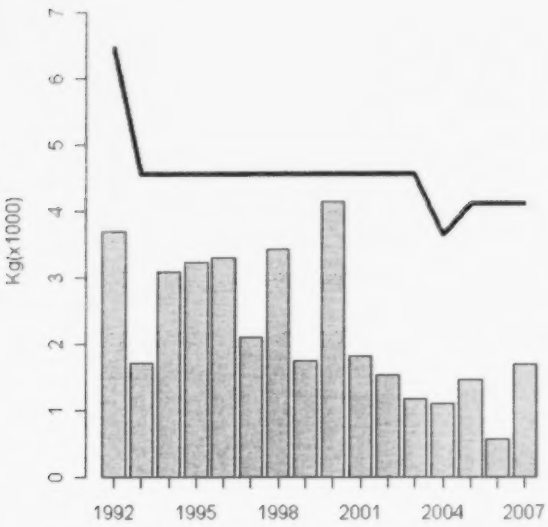

Figure 5-2.5. Walleye quota (line) and harvest (bars) from management area 5-2.

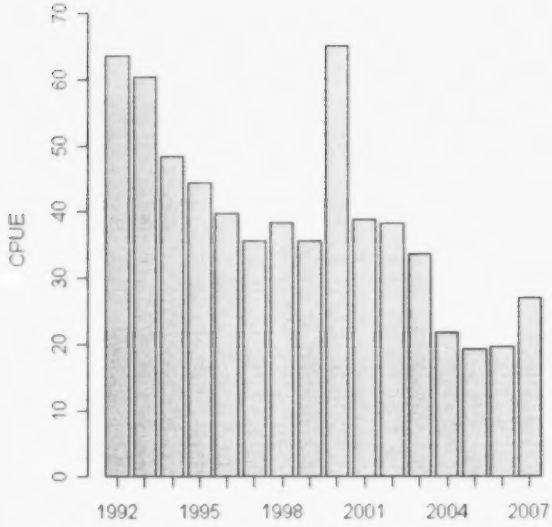

Figure 5-2.6. Walleye gill net CPUE (kg/km) for management area 5-2.

Table 5-2.4. Walleye harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-2, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	1126	14.3	31.2	4568	24.6
1991	2604	14.7	76.4	6192	42.0
1992	3712	28.3	63.7	6465	57.4
1993	1722	17.9	60.3	4566	37.7
1994	3090	61.1	48.2	4566	67.6
1995	3238	72.7	44.3	4566	70.9
1996	3313	81.9	39.7	4566	72.5
1997	2110	55.8	35.5	4566	46.2
1998	3441	84.4	38.2	4566	75.3
1999	1762	41.8	35.6	4566	38.5
2000	4149	54.8	64.9	4566	90.8
2001	1830	45.5	38.8	4566	40.0
2002	1552	39.2	38.4	4566	33.9
2003	1188	32.7	33.6	4566	26.0
2004	1119	46.0	21.8	3653	30.6
2005	1465	43.3	19.2	4106	35.6
2006	573	15.7	19.7	4106	13.9
2007	1705	46.6	27.0	4106	41.5

MANAGEMENT AREA 5-3

Table 5-3.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-3, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	908	0.0	0
Chub	0	0	48,757	0.0	0
Lake Herring	36	36	400	9.0	19
Lake Sturgeon	0	0	0	--	0
Lake Trout	3,917	3,917	22,073	17.7	2,591
Lake Whitefish	36,822	36,783	55,182	66.7	64,873
Northern Pike	0	0	414	0.0	0
Walleye	0	0	0	--	0
Yellow Perch	0	0	2,412	0.0	0
Sub-Total	40,775	40,736	130,146		67,483
Burbot	91	0			0
Chinook Salmon	24	24			0
Rainbow Trout	115	115			0
Suckers	653	0			0
Total	41,658	40,875	130,146		67,483

LAKE WHITEFISH

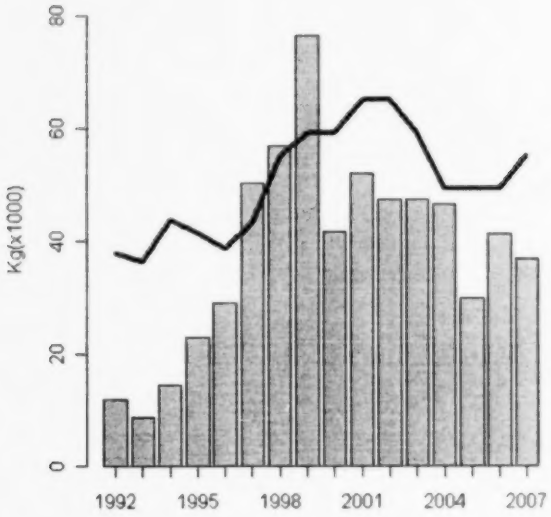

Figure 5-3.1. Lake whitefish quota (line) and harvest (bars) from management area 5-3.

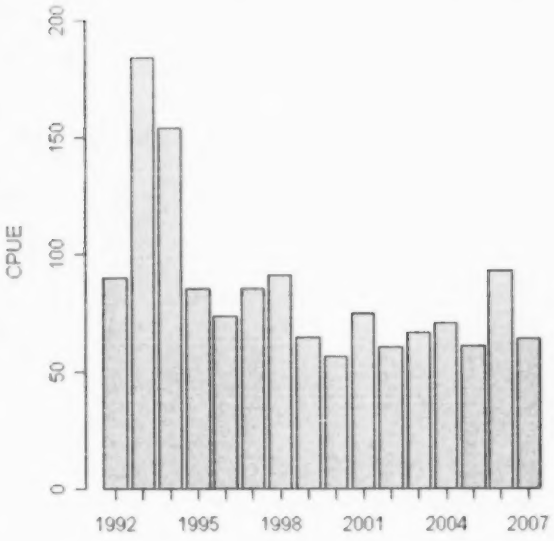

Figure 5-3.2. Lake whitefish gill net CPUE (kg/km) for management area 5-3.

Table 5-3.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-3, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	12139	83.9	143.5	35440	34.2
1991	12490	86.5	142.1	36066	34.6
1992	11847	125.0	89.9	37947	31.2
1993	8797	47.2	183.8	36430	24.1
1994	14416	92.3	153.8	43717	32.9
1995	22806	257.1	85.4	41455	55.0
1996	29080	383.2	73.9	38687	75.1
1997	50307	424.7	85.4	43182	116.4
1998	56951	622.8	91.3	55182	103.2
1999	76412	1023.6	64.4	59182	129.1
2000	41582	454.9	56.5	59182	70.2
2001	52104	634.9	74.6	65182	79.9
2002	47312	534.2	60.5	65182	72.5
2003	47403	530.1	66.7	59182	80.0
2004	46487	657.5	70.7	49182	94.5
2005	29848	490.2	60.8	49182	60.6
2006	41240	443.6	92.9	49182	83.8
2007	36783	571.7	64.2	55182	66.6

CHUB

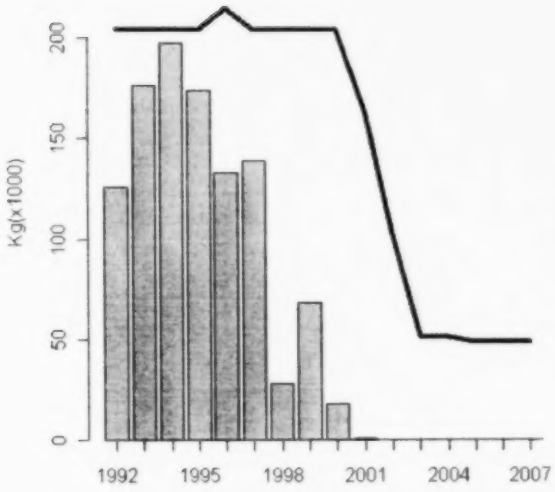

Figure 5-3.3. Chub quota (line) and harvest (bars) from management area 5-3.

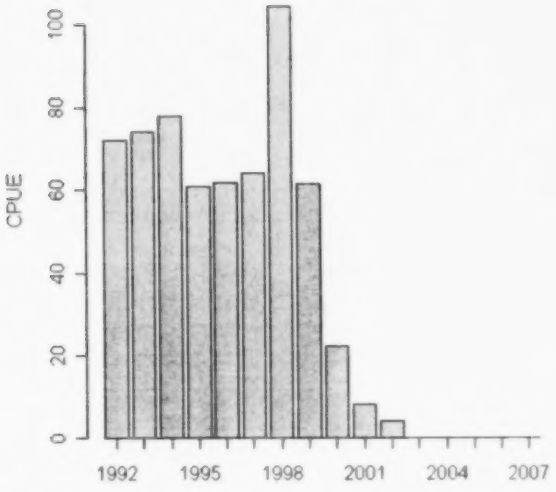

Figure 5-3.4. Chub gill net CPUE (kg/km) for management area 5-3.

Table 5-3.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-3, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	126033	1558.4	80.8	198722	63.4
1991	110258	1564.0	70.4	204286	53.9
1992	125886	1746.2	72.0	204770	61.4
1993	176183	2376.1	74.1	204286	86.2
1994	197842	2597.2	77.8	204286	96.8
1995	173982	2950.2	60.9	204286	85.1
1996	132950	2204.8	61.9	214638	61.9
1997	139196	2145.8	64.0	204286	68.1
1998	28093	207.7	104.3	204286	13.7
1999	68234	300.7	61.5	204286	33.4
2000	17839	184.7	22.4	204286	8.7
2001	634	24.6	8.2	163429	0.3
2002	23	5.4	4.2	102385	0.0
2003	0	0.0	--	52033	0.0
2004	8	0.0	--	51194	0.0
2005	0	0.0	--	48753	0.0
2006	0	0.0	--	48757	0.0
2007	0	0.0	--	48757	0.0

LAKE TROUT

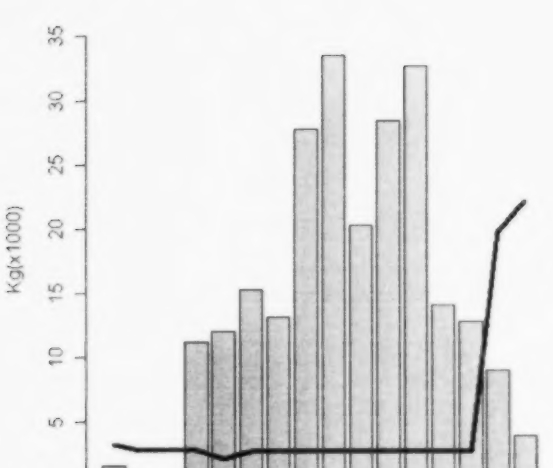

Figure 5-3.5. Lake trout quota (line) and harvest (bars) from management area 5-3.

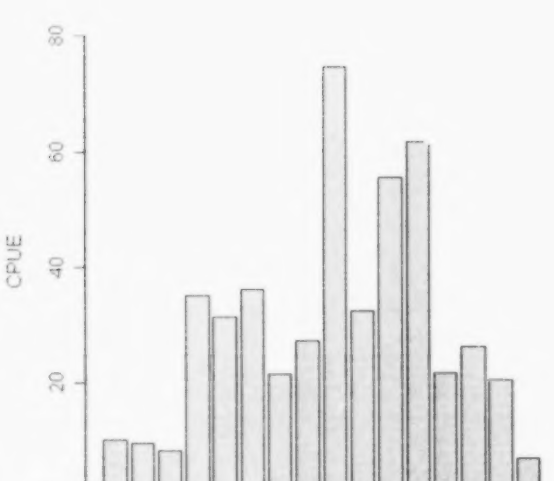

Figure 5-3.6. Lake trout gill net CPUE (kg/km) for management area 5-3.

Table 5-3.4. Lake trout harvest and quota for management area 5-3, 1990 to 2007.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1990	428	2820	15.1
1991	1304	2820	46.2
1992	1575	3275	48.0
1993	512	2820	18.1
1994	700	2862	24.4
1995	11224	2823	397.5
1996	12025	2208	544.6
1997	15262	2706	564.0
1998	13117	2706	484.7
1999	27724	2706	1024.5
2000	33442	2706	1235.8
2001	20236	2706	747.8
2002	28400	2706	1049.5
2003	32621	2706	1205.5
2004	14088	2706	520.6
2005	12788	2706	472.5
2006	9027	19673	45.8
2007	3917	22073	17.7

MANAGEMENT AREA 5-4

Table 5-4.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-4, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	3,000	0.0	0
Lake Herring	41	41	100	41.0	28
Lake Sturgeon	0	0	0	--	0
Lake Trout	20	20	552	3.6	19
Lake Whitefish	999	999	2,134	46.8	3,039
Northern Pike	0	0	0	--	0
Walleye	0	0	61	0.0	0
Yellow Perch	0	0	0	--	0
Sub-Total	1,059	1,060	5,847		3,086
Burbot	2	0			0
Suckers	52	0			0
Total	1,113	1,060	5,847		3,086

LAKE WHITEFISH

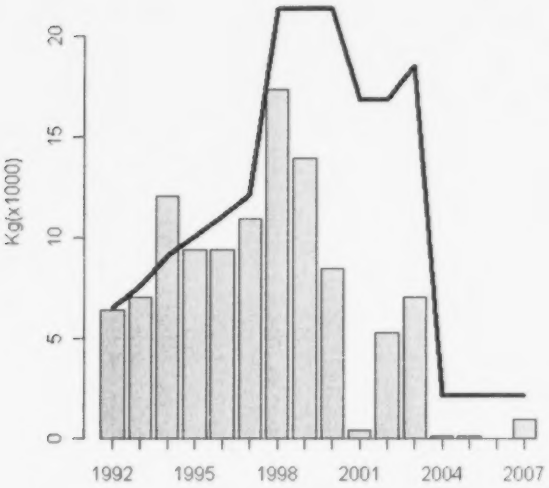

Figure 5-4.1. Lake whitefish quota (line) and harvest (bars) from management area 5-4.

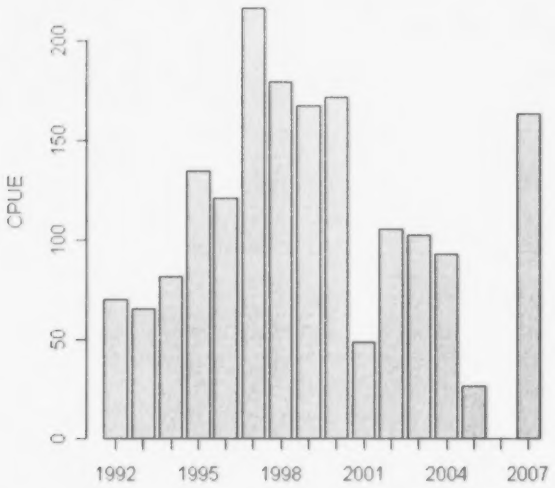

Figure 5-4.2. Lake whitefish gill net CPUE (kg/km) for management area 5-4.

Table 5-4.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-4, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	2021	17.3	116.2	6545	30.8
1991	4219	57.2	73.7	6538	64.5
1992	6409	91.5	69.9	6521	98.2
1993	7015	107.4	65.3	7586	92.4
1994	12064	148.4	81.2	9103	132.5
1995	9386	69.5	134.8	10013	93.7
1996	9421	77.9	120.9	11014	85.5
1997	10924	51.8	216.1	12116	90.1
1998	17326	96.6	179.3	21328	81.2
1999	13909	83.2	167.1	21328	65.2
2000	8426	49.1	171.6	21328	39.5
2001	463	9.5	48.7	16828	2.7
2002	5271	50.1	105.2	16828	31.3
2003	7037	68.9	102.1	18511	38.0
2004	169	1.8	94.0	2134	7.9
2005	120	4.4	27.1	2134	5.6
2006	0	0.0	--	2134	0.0
2007	999	6.1	163.7	2134	46.8

CHUB

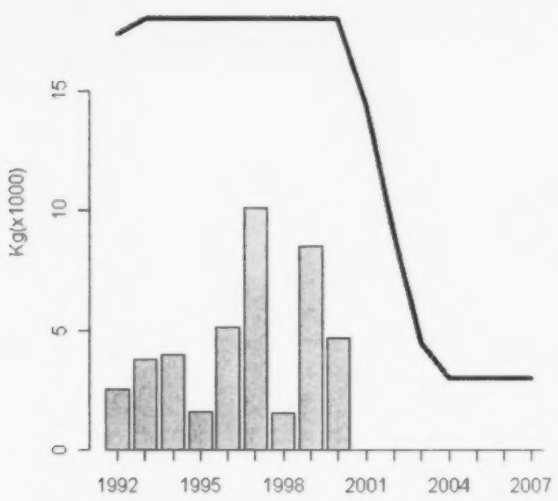

Figure 5-4.3. Chub quota (line) and harvest (bars) from management area 5-4.

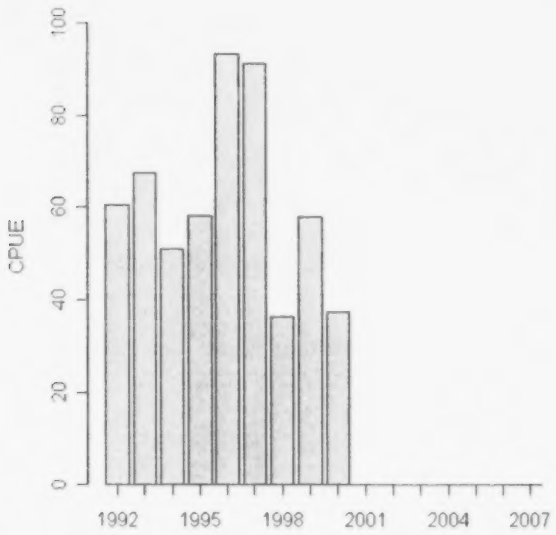

Figure 5-4.4. Chub gill net CPUE (kg/km) for management area 5-4.

Table 5-4.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-4, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	170	2.2	74.4	18000	0.9
1991	3140	36.5	86.0	18000	17.4
1992	2584	42.6	60.6	17378	14.8
1993	3812	56.5	67.4	18000	21.1
1994	4017	78.7	51.0	18000	22.3
1995	1635	28.0	58.4	18000	9.0
1996	5141	55.1	93.3	18000	28.5
1997	10089	110.6	91.2	18000	56.0
1998	1565	38.6	36.4	18000	8.6
1999	8524	146.7	58.1	18000	47.3
2000	4684	124.7	37.5	18000	26.0
2001	0	0.0	--	14400	0.0
2002	0	0.0	--	9000	0.0
2003	0	0.0	--	4500	0.0
2004	0	0.0	--	3000	0.0
2005	0	0.0	--	3000	0.0
2006	0	0.0	--	3000	0.0
2007	0	0.0	--	3000	0.0

LAKE TROUT

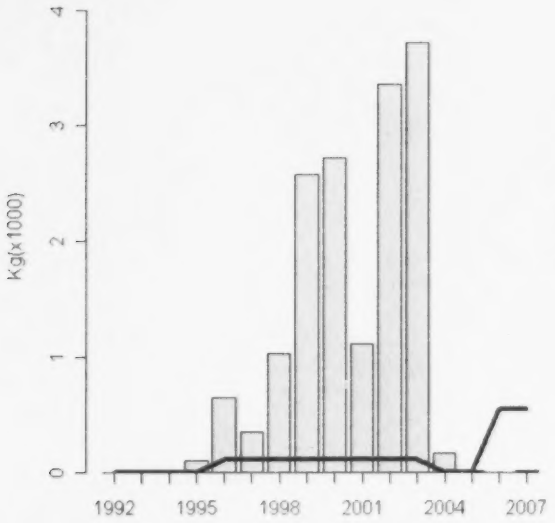

Figure 5-4.5. Lake trout quota (line) and harvest (bars) from management area 5-4.

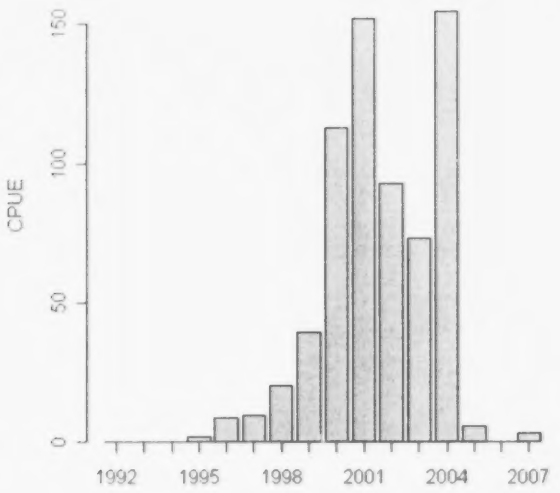

Figure 5-4.6. Lake trout gill net CPUE (kg/km) for management area 5-4.

Table 5-4.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-4, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	0	0.0	0	0.0
1991	0	0.0	0	0.0
1992	0	0.0	0	0.0
1993	0	0.0	0	0.0
1994	6	0.2	0	0.0
1995	112	1.7	6	1866.6
1996	649	8.6	113	574.3
1997	348	9.7	113	307.9
1998	1027	20.1	113	908.8
1999	2571	39.4	113	2275.2
2000	2718	112.6	113	2405.3
2001	1107	151.7	113	979.6
2002	3349	92.4	113	2963.7
2003	3707	73.0	113	3280.5
2004	168	154.1	8	2100.0
2005	17	5.5	8	212.5
2006	0	--	552	0.0
2007	20	3.2	552	3.6

MANAGEMENT AREA 5-5

Table 5-5.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-5, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	0	--	0
Lake Herring	0	0	0	--	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	0	0	0	--	0
Lake Whitefish	0	0	0	--	0
Northern Pike	0	0	0	--	0
Walleye	0	0	0	--	0
Yellow Perch	0	0	0	--	0
Sub-Total	0	0	0		0
Total	0	0	0		0

LAKE WHITEFISH

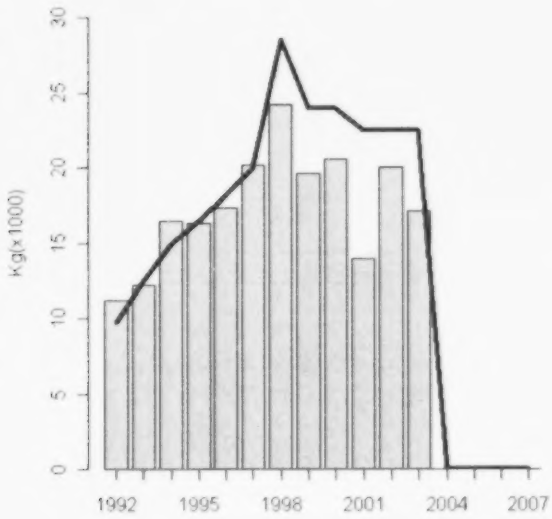

Figure 5-5.1. Lake whitefish quota (line) and harvest (bars) from management area 5-5.

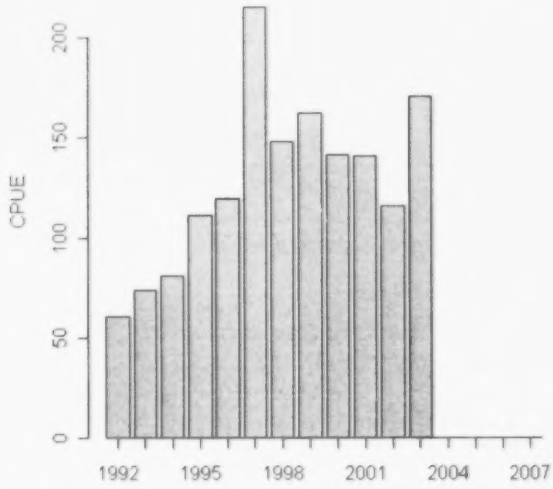

Figure 5-5.2. Lake whitefish gill net CPUE (kg/km) for management area 5-5.

Table 5-5.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-5, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	5102	50.9	100.1	11353	44.9
1991	5913	99.9	59.1	11353	52.0
1992	11201	183.8	60.9	9722	115.2
1993	12239	166.3	73.5	12488	98.0
1994	16507	203.6	80.8	14985	110.1
1995	16347	146.9	111.2	16484	99.1
1996	17304	145.2	119.1	18133	95.4
1997	20161	94.2	214.7	19946	101.0
1998	24211	162.3	147.6	28477	85.0
1999	19607	121.0	162.0	23941	81.8
2000	20578	145.7	141.2	23941	85.9
2001	13922	98.7	141.0	22441	62.0
2002	19979	172.3	115.9	22441	89.0
2003	17114	100.2	170.7	22441	76.2
2004	0	0.0	--	0	--
2005	0	0.0	--	0	--
2006	0	0.0	--	0	--
2007	0	0.0	--	0	--

CHUB

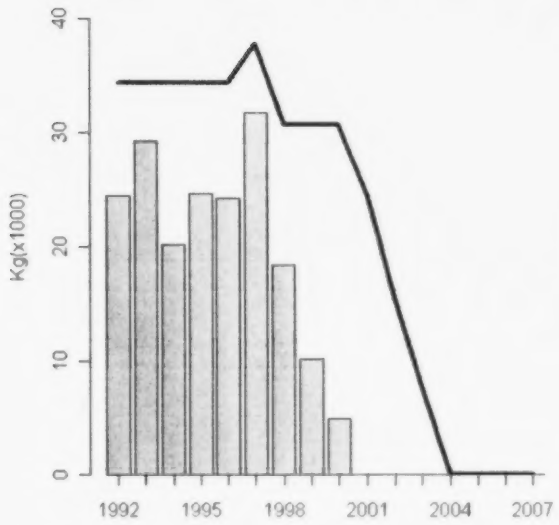

Figure 5-5.3. Chub quota (line) and harvest (bars) from management area 5-5.

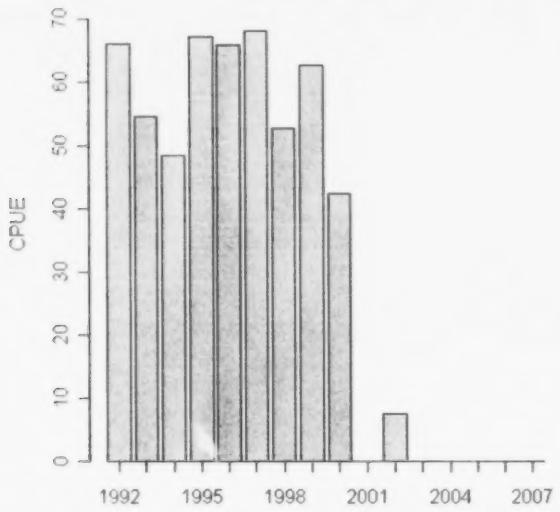

Figure 5-5.4. Chub gill net CPUE (kg/km) for management area 5-5.

Table 5-5.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-5, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	5981	82.5	71.3	34364	17.4
1991	19483	275.2	70.1	34364	56.6
1992	24446	369.3	66.1	34370	71.1
1993	29323	536.6	54.6	34364	85.3
1994	20180	418.8	48.4	34364	58.7
1995	24733	372.0	67.1	34364	71.9
1996	24248	376.0	65.8	34364	70.5
1997	31768	469.3	68.1	37800	84.0
1998	18378	348.3	52.7	30736	59.7
1999	10149	161.6	62.8	30736	33.0
2000	4942	116.3	42.4	30736	16.0
2001	0	0.0	--	24589	0.0
2002	25	3.2	7.8	15368	0.1
2003	0	0.0	--	7684	0.0
2004	0	0.0	--	0	--
2005	0	0.0	--	0	--
2006	0	0.0	--	0	--
2007	0	0.0	--	0	--

LAKE TROUT

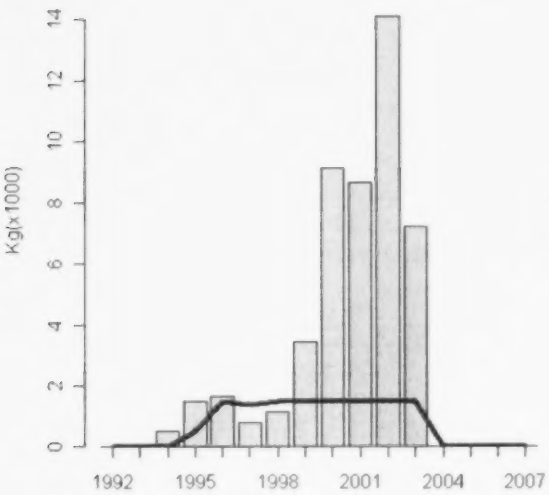

Figure 5-5.5. Lake trout quota (line) and harvest (bars) from management area 5-5.

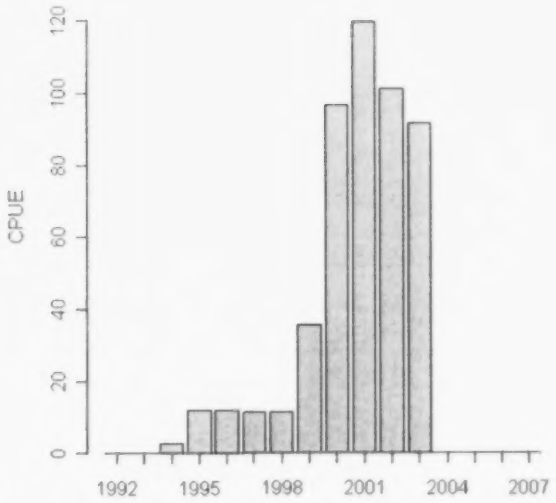

Figure 5-5.6. Lake trout gill net CPUE (kg/km) for management area 5-5.

Table 5-5.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-5, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	0	0.0	0	0.0
1991	0	0.0	0	0.0
1992	0	0.0	0	0.0
1993	0	0.0	0	0.0
1994	523	2.8	0	0.0
1995	1504	11.9	524	287.0
1996	1649	12.0	1504	109.6
1997	816	11.3	1380	59.1
1998	1142	11.2	1504	75.9
1999	3430	35.2	1504	228.0
2000	9117	96.4	1504	606.1
2001	8653	119.3	1504	575.3
2002	14075	101.0	1504	935.8
2003	7224	91.4	1504	480.3
2004	0	--	0	0.0
2005	0	--	0	0.0
2006	0	--	0	0.0
2007	0	--	0	0.0

MANAGEMENT AREA 5-6

Table 5-6.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-6, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	15,205	0.0	0
Lake Herring	0	0	100	0.0	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	4,801	4,801	9,500	50.5	4,445
Lake Whitefish	7,856	7,856	32,198	24.4	23,901
Northern Pike	0	0	0	--	0
Walleye	0	0	400	0.0	0
Yellow Perch	0	0	1,271	0.0	0
Sub-Total	12,657	12,657	58,674		28,346
Chinook Salmon	61	61			0
Rainbow Trout	3	3			0
Total	12,721	12,721	58,674		28,346

LAKE WHITEFISH

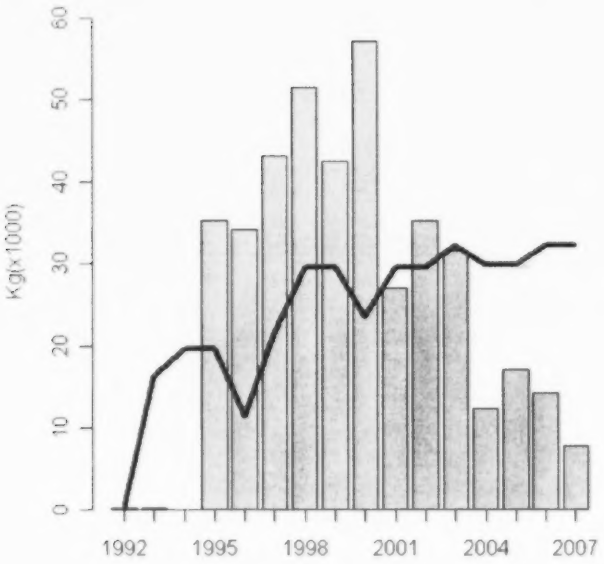

Figure 5-6.1. Lake whitefish quota (line) and harvest (bars) from management area 5-6.

Table 5-6.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-6, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	1987	0.0	--	16308	12.1
1991	155	3.4	45.4	408	37.9
1992	165	3.6	45.7	431	38.2
1993	200	2.7	73.9	16331	1.2
1994	91	1.6	56.1	19597	0.4
1995	35258	257.8	48.5	19597	179.9
1996	34120	337.6	47.3	11401	299.2
1997	43097	435.7	45.9	21556	199.9
1998	51425	381.9	60.6	29556	173.9
1999	42540	576.3	71.4	29556	143.9
2000	57069	416.8	62.1	23556	242.2
2001	27009	296.3	68.9	29566	91.3
2002	35182	468.8	72.6	29556	119.0
2003	31597	595.3	38.2	32198	98.1
2004	12295	333.7	36.8	29930	41.0
2005	17018	325.3	52.3	29930	56.8
2006	14285	248.1	57.5	32198	44.3
2007	7856	255.9	30.6	32198	24.3

CHUB

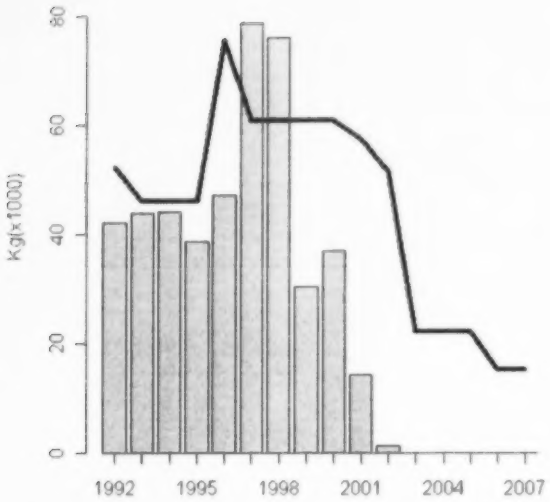

Figure 5-6.2. Chub quota (line) and harvest (bars) from management area 5-6.

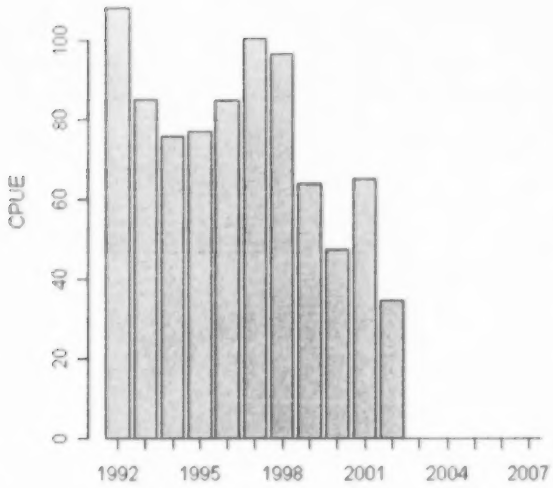

Figure 5-6.3. Chub gill net CPUE (kg/km) for management area 5-6.

Table 5-6.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-6, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	43669	352.0	124.0	60820	71.8
1991	40663	418.6	97.1	46070	88.2
1992	42139	390.9	107.8	52505	80.2
1993	43870	516.9	84.8	46070	95.2
1994	44080	603.6	75.6	46070	95.6
1995	38851	483.9	76.8	46070	84.3
1996	47293	518.9	84.8	75615	62.5
1997	78632	578.0	100.2	60820	129.2
1998	75989	361.3	96.2	60820	124.9
1999	30544	385.2	63.9	60820	50.2
2000	37074	432.0	47.6	60820	60.9
2001	14331	176.0	64.9	57525	24.9
2002	1454	43.8	34.8	51595	2.8
2003	75	0.0	--	22172	0.3
2004	27	0.0	--	22172	0.1
2005	0	0.0	--	22172	0.0
2006	0	0.0	--	15205	0.0
2007	0	0.0	--	15205	0.0

LAKE TROUT

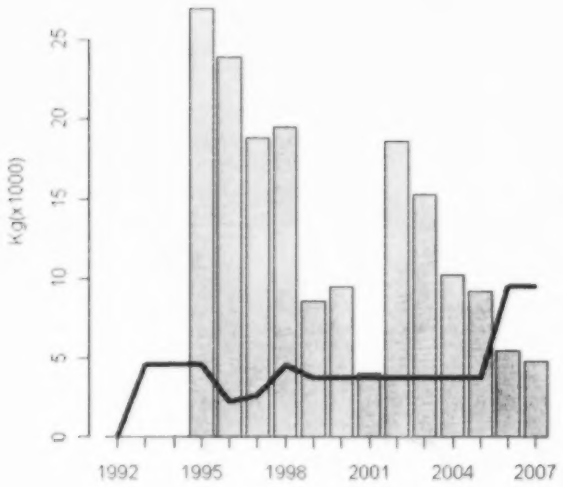

Figure 5-6.4. Lake trout quota (line) and harvest (bars) from management area 5-6.

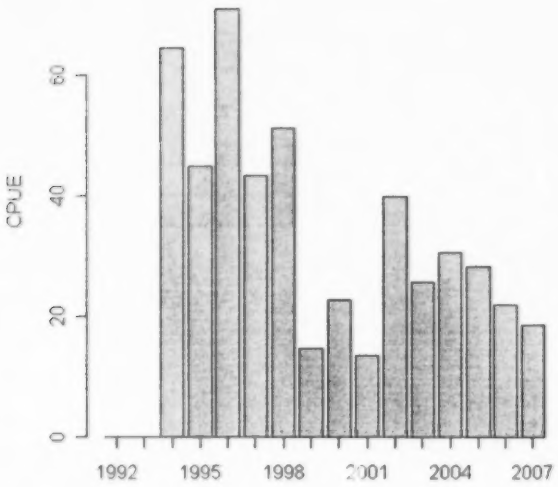

Figure 5-6.5. Lake trout gill net CPUE (kg/km) for management area 5-6.

Table 5-6.4. Lake trout harvest and quota for management area 5-6, 1990 to 2007.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1990	3373	4558	74.0
1991	0	12	0.0
1992	0	12	0.0
1993	0	4558	0.0
1994	9	4558	0.1
1995	26923	4558	590.6
1996	23880	2291	1042.3
1997	18876	2605	724.6
1998	19541	4546	429.8
1999	8552	3785	225.9
2000	9469	3785	250.1
2001	4039	3785	106.7
2002	18624	3785	492.0
2003	15309	3785	404.4
2004	10198	3785	269.4
2005	9144	3785	241.5
2006	5440	9500	57.2
2007	4801	9500	50.5

MANAGEMENT AREA 5-7

Table 5-7.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-7, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	6	4	0	--	0
Chub	2	0	2,184	0.0	0
Lake Herring	60	54	2,200	2.5	37
Lake Sturgeon	197	22	544	4.0	66
Lake Trout	14,153	9,981	23,782	42.0	9,242
Lake Whitefish	21,687	20,996	75,523	27.8	63,877
Northern Pike	11	11	1,175	0.9	20
Walleye	539	529	1,382	38.3	3,114
Yellow Perch	0	0	4,757	0.0	0
Sub-Total	36,655	31,597	111,547		76,356
Burbot	304	3			0
Chinook Salmon	41	4			0
Common Carp	143	0			0
Freshwater Drum	3	0			0
Gizzard Shad	16	0			0
Longnose Gar	16	0			0
Rainbow Trout	6	0			0
Redhorse Suckers	9	0			0
Round Whitefish	64	50			23
Sea Lamprey	2	2			0
Smallmouth Bass	48	0			0
Suckers	386	0			0
White Perch	2	0			0
Total	37,694	31,656	111,547		76,380

LAKE WHITEFISH

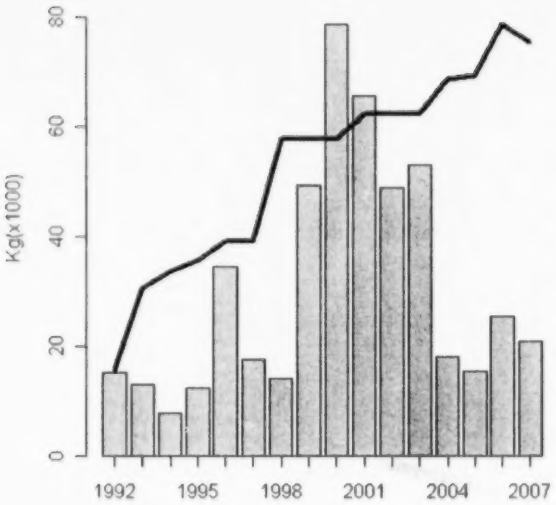

Figure 5-7.1. Lake whitefish quota (line) and harvest (bars) from management area 5-7.

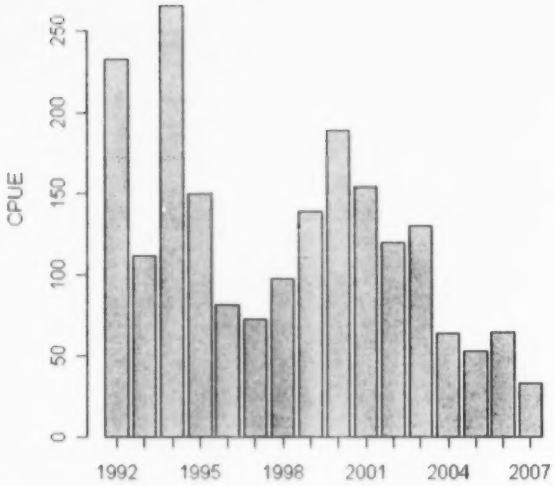

Figure 5-7.2. Lake whitefish gill net CPUE (kg/km) for management area 5-7.

Table 5-7.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-7, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	7328	59.5	108.0	14346	51.0
1991	6699	25.2	259.2	14618	45.8
1992	15229	65.3	232.7	15747	96.7
1993	13237	114.3	111.5	30727	43.0
1994	7945	29.8	265.8	33791	23.5
1995	12512	83.3	150.2	35636	35.1
1996	34676	127.0	81.8	39200	88.4
1997	17664	118.0	73.0	39200	45.0
1998	14228	145.2	97.8	57742	24.6
1999	49479	349.3	139.2	57742	85.6
2000	78605	414.9	188.8	57742	136.1
2001	65597	433.9	154.5	62415	105.0
2002	48974	408.9	119.5	62415	78.4
2003	53136	406.6	129.8	62415	85.1
2004	18069	279.2	64.2	68657	26.3
2005	15583	291.3	53.3	69343	22.4
2006	25551	395.2	64.6	78613	32.5
2007	20996	608.2	33.5	75523	27.8

CHUB

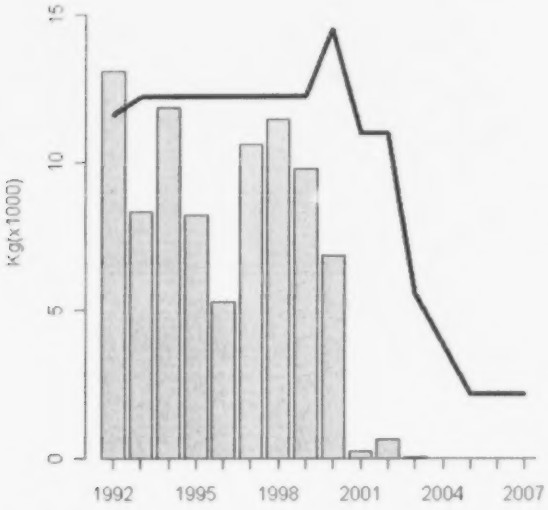

Figure 5-7.3. Chub quota (line) and harvest (bars) from management area 5-7.

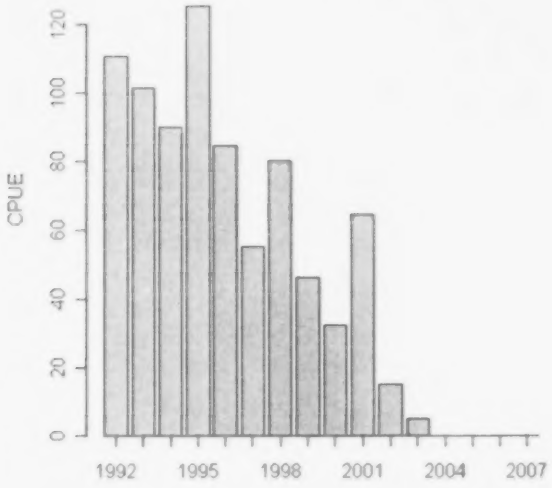

Figure 5-7.4. Chub gill net CPUE (kg/km) for management area 5-7.

Table 5-7.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-7, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	11166	97.3	114.7	11592	96.3
1991	10102	85.5	118.1	11592	87.1
1992	13078	117.8	111.0	11594	112.7
1993	8338	82.2	101.4	12202	68.3
1994	11838	134.4	90.0	12202	97.0
1995	8198	71.0	125.2	12202	67.1
1996	5304	63.0	84.7	12202	43.4
1997	10592	192.7	55.0	12202	86.8
1998	11431	135.2	80.2	12202	93.6
1999	9753	212.3	46.3	12202	79.9
2000	6833	210.8	32.2	14470	47.2
2001	245	4.5	65.5	10983	2.2
2002	640	38.2	15.1	10983	5.8
2003	46	9.3	4.9	5585	0.8
2004	0	0.0	--	3838	0.0
2005	0	0.0	--	2184	0.0
2006	0	0.0	--	2184	0.0
2007	0	0.0	--	2184	0.0

LAKE TROUT

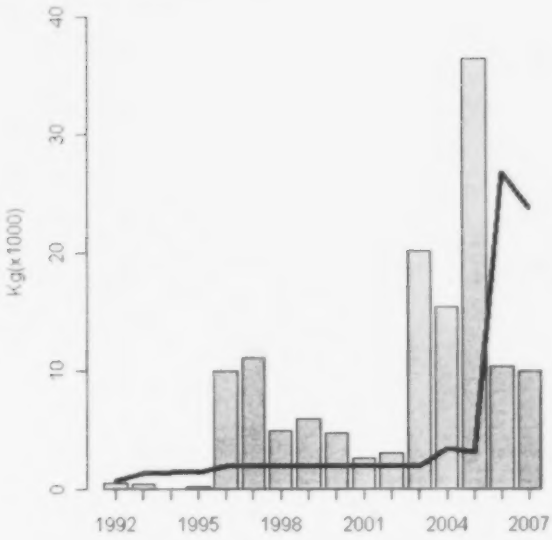

Figure 5-7.5. Lake trout quota (line) and harvest (bars) from management area 5-7.

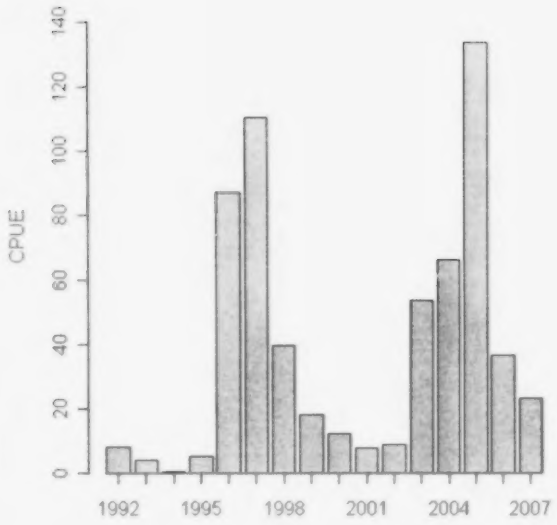

Figure 5-7.6. Lake trout gill net CPUE (kg/km) for management area 5-7.

Table 5-7.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-7, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	796	13.0	1125	70.7
1991	207	8.1	745	27.7
1992	554	8.4	774	71.5
1993	467	4.0	1355	34.4
1994	20	0.6	1418	1.4
1995	222	5.3	1421	15.6
1996	10020	87.0	1921	521.6
1997	11081	110.2	1921	576.8
1998	5004	39.4	1976	253.2
1999	6006	18.3	1976	303.9
2000	4748	12.2	1976	240.2
2001	2685	7.7	1976	135.8
2002	3044	9.0	1976	154.0
2003	20190	53.7	1976	1021.7
2004	15410	66.1	3462	445.1
2005	36443	133.4	3142	1159.8
2006	10442	36.6	26782	38.9
2007	9981	23.2	23782	41.9

WALLEYE

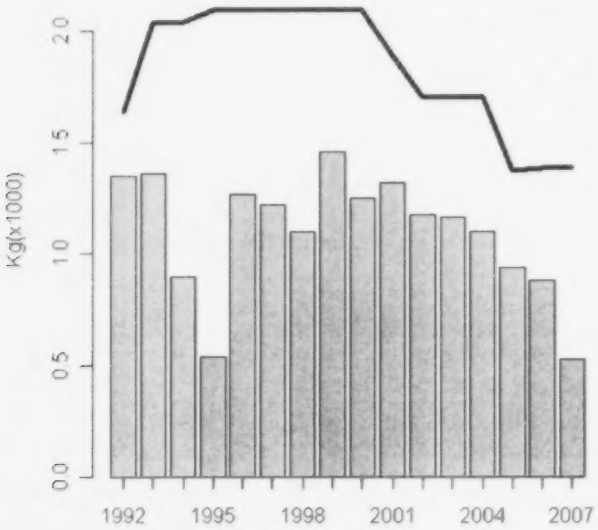

Figure 5-7.7. Walleye quota (line) and harvest (bars) from management area 5-7.

Table 5-7.5. Walleye harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-7, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	1321	14.1	90.7	1590	83.0
1991	1330	18.7	68.8	1590	83.6
1992	1347	15.5	86.3	1635	82.3
1993	1361	20.5	63.8	2036	66.8
1994	897	17.3	51.8	2040	43.9
1995	542	4.6	117.7	2090	25.9
1996	1265	14.6	56.8	2090	60.5
1997	1222	23.1	45.3	2090	58.4
1998	1100	38.6	28.1	2090	52.6
1999	1456	59.5	24.3	2090	69.6
2000	1251	57.0	20.6	2090	59.8
2001	1320	60.0	21.1	1885	70.0
2002	1173	87.7	11.5	1701	68.9
2003	1163	62.8	16.7	1701	68.3
2004	1098	139.6	6.4	1701	64.5
2005	936	91.6	8.9	1370	68.3
2006	882	54.3	15.6	1382	63.8
2007	529	52.4	8.9	1382	38.2

LAKE HERRING

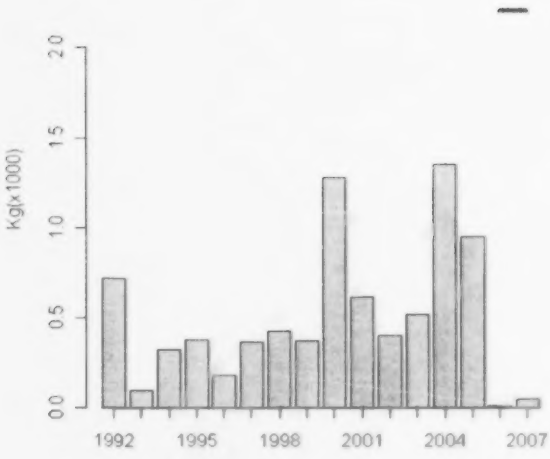

Figure 5-7.8. Lake herring quota (line) and harvest (bars) from management area 5-7.

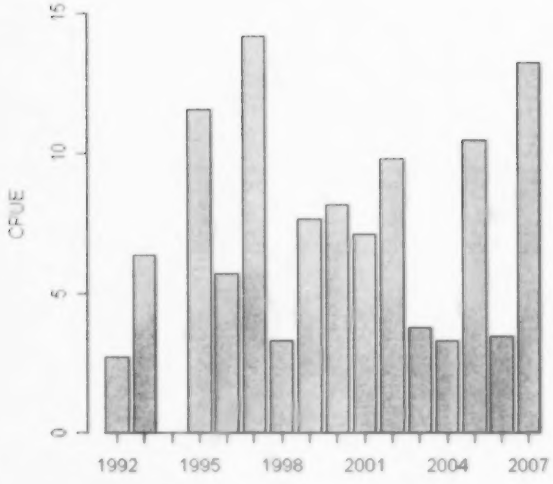

Figure 5-7.9. Lake herring gill net CPUE (kg/km) for management area 5-7.

Table 5-7.6. Lake herring harvest, effort, CPUE and quota data from gill nets in quota management area 5-7, 1990 to 2007. Effort used to calculate CPUE was lake whitefish effort that caught lake herring.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	506	8.1	1.1	--	--
1991	246	1.3	1.6	--	--
1992	721	4.1	2.7	--	--
1993	100	12.8	6.3	--	--
1994	325	0.0	--	--	--
1995	380	32.8	11.5	--	--
1996	187	32.8	5.6	--	--
1997	365	25.7	14.2	--	--
1998	430	9.5	3.3	--	--
1999	375	27.8	7.6	--	--
2000	1277	33.0	8.1	--	--
2001	619	21.9	7.1	--	--
2002	401	11.2	9.8	--	--
2003	518	12.9	3.8	--	--
2004	1352	16.0	3.3	--	--
2005	950	30.4	10.4	--	--
2006	15	4.9	3.4	2200	0.6
2007	54	1.8	13.4	2200	2.4

MANAGEMENT AREA 5-8

Table 5-8.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-8, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	443	443	4,996	8.9	0
Lake Herring	0	0	50	0.0	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	19,507	19,507	14,250	136.9	18,062
Lake Whitefish	75,517	75,517	53,326	141.6	229,749
Northern Pike	0	0	0	--	0
Walleye	23	23	0	--	135
Yellow Perch	0	0	1,134	0.0	0
Sub-Total	95,489	95,490	73,756		247,947
Brown Trout	1	1			0
Chinook Salmon	63	63			0
Rainbow Trout	3	3			0
Total	95,556	95,557	73,756		247,947

LAKE WHITEFISH

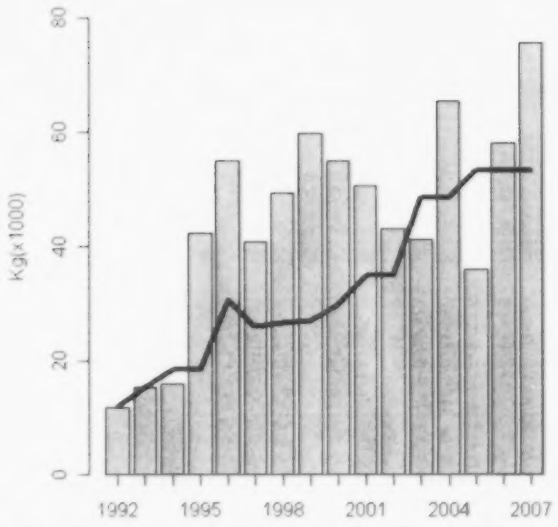

Figure 5-8.1. Lake whitefish quota (line) and harvest (bars) from management area 5-8.

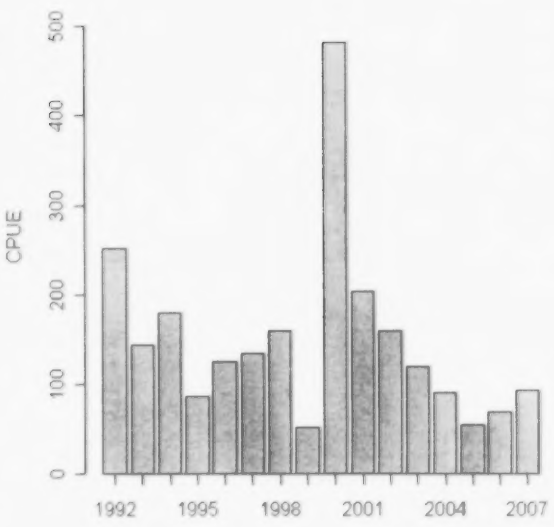

Figure 5-8.2. Lake whitefish gill net CPUE (kg/km) for management area 5-8.

Table 5-8.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-8, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	8239	33.5	203.1	9072	90.8
1991	9996	27.9	284.4	9979	100.1
1992	11705	39.8	251.6	11977	97.7
1993	15321	96.0	143.9	15420	99.3
1994	15929	88.9	179.3	18504	86.0
1995	42127	398.1	87.4	18504	227.6
1996	54844	327.2	126.0	30509	179.7
1997	40676	231.9	134.9	25966	156.6
1998	49292	271.2	160.5	26628	185.1
1999	59669	36.1	52.6	27091	220.2
2000	54955	54.5	481.6	29800	184.4
2001	50498	227.5	204.3	34980	144.3
2002	43128	268.1	159.9	34980	123.2
2003	41111	302.1	120.3	48478	84.8
2004	65348	719.9	90.7	48478	134.7
2005	35878	654.9	54.8	53326	67.2
2006	57990	835.0	69.4	53326	108.7
2007	75517	806.4	93.2	53326	141.6

CHUB

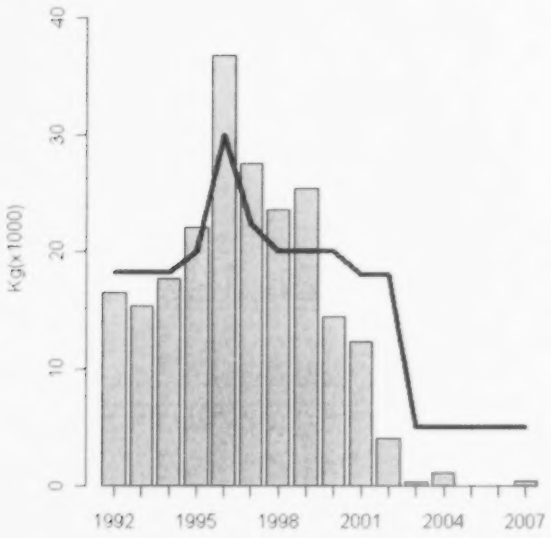

Figure 5-8.3. Chub quota (line) and harvest (bars) from management area 5-8.

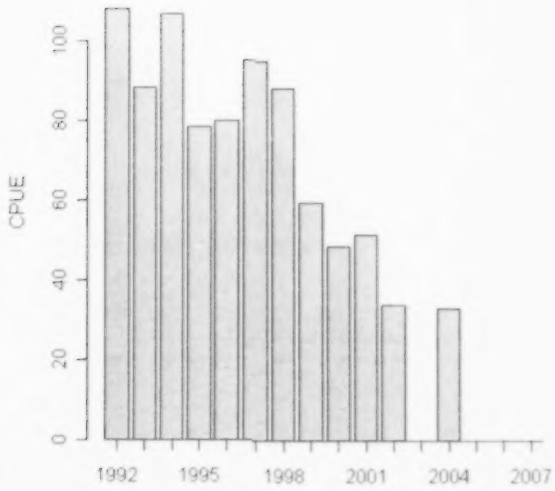

Figure 5-8.4. Chub gill net CPUE (kg/km) for management area 5-8.

Table 5-8.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-8, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	16967	146.4	115.0	18186	93.2
1991	17908	213.6	83.8	18168	98.5
1992	16437	152.3	107.9	18171	90.4
1993	15378	173.9	88.4	18168	84.6
1994	17718	170.0	106.7	18168	97.5
1995	22099	254.7	78.4	19985	110.5
1996	36722	262.7	79.9	29956	122.5
1997	27534	263.2	95.0	22493	122.4
1998	23561	244.8	88.4	19985	117.8
1999	25351	279.8	59.7	19985	126.8
2000	14459	270.8	48.7	19985	72.3
2001	12271	218.0	51.6	17986	68.2
2002	4102	141.4	34.2	17986	22.8
2003	360	0.0	--	4996	7.2
2004	1128	12.8	33.1	4996	22.5
2005	0	0.0	--	4996	0.0
2006	0	0.0	--	4996	0.0
2007	443	0.0	--	4996	8.8

LAKE TROUT

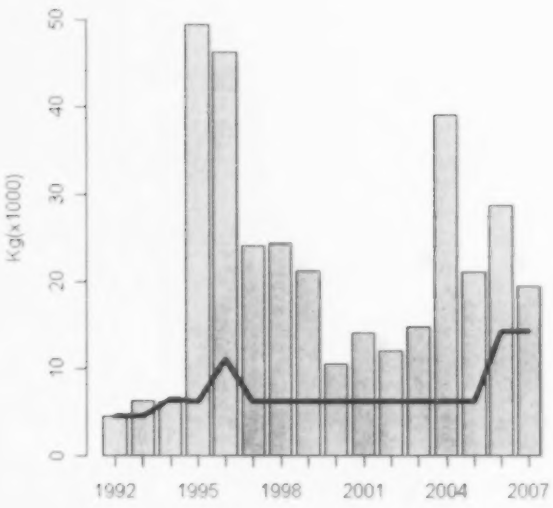

Figure 5-8.5. Lake trout quota (line) and harvest (bars) from management area 5-8.

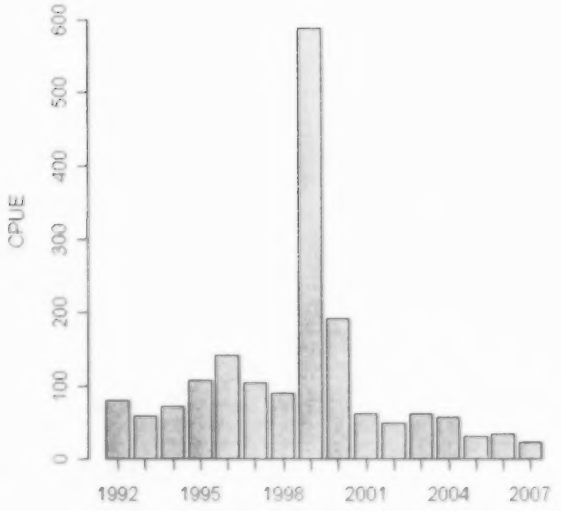

Figure 5-8.6. Lake trout gill net CPUE (kg/km) for management area 5-8.

Table 5-8.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-8, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	4474	87.6	4536	98.6
1991	5373	117.7	4536	118.4
1992	4536	80.7	4537	99.9
1993	6403	59.2	4536	141.1
1994	6207	72.6	6603	94.0
1995	49435	108.2	6161	802.3
1996	46397	141.9	11106	417.7
1997	24084	105.0	6161	390.9
1998	24384	90.3	6161	395.7
1999	21218	587.4	6161	344.3
2000	10526	192.8	6161	170.8
2001	14065	62.5	6161	228.2
2002	12075	48.7	6161	195.9
2003	14853	62.9	6161	241.0
2004	39038	58.3	6161	633.6
2005	21128	32.3	6161	342.9
2006	28693	34.3	14250	201.3
2007	19507	24.1	14250	136.8

MANAGEMENT AREA 5-9

Table 5-9.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-9, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	23	0	0	--	0
Chub	0	0	2,490	0.0	0
Lake Herring	3	3	500	0.6	2
Lake Sturgeon	3,996	132	136	97.1	399
Lake Trout	3,611	3,347	10,349	32.3	3,099
Lake Whitefish	73,185	71,389	133,660	53.4	217,190
Northern Pike	0	0	0	--	0
Walleye	16	16	820	2.0	94
Yellow Perch	0	0	3,409	0.0	0
Sub-Total	80,834	74,887	151,364		220,784
Burbot	206	0			0
Chinook Salmon	19	4			0
Common Carp	614	0			0
Freshwater Drum	11	0			0
Gizzard Shad	585	0			0
Rainbow Trout	57	3			0
Round Whitefish	92	92			43
Shorthead Redhorse	7	0			0
Smallmouth Bass	4	0			0
Suckers	2,036	0			0
Total	84,465	74,986	151,364		220,827

LAKE WHITEFISH

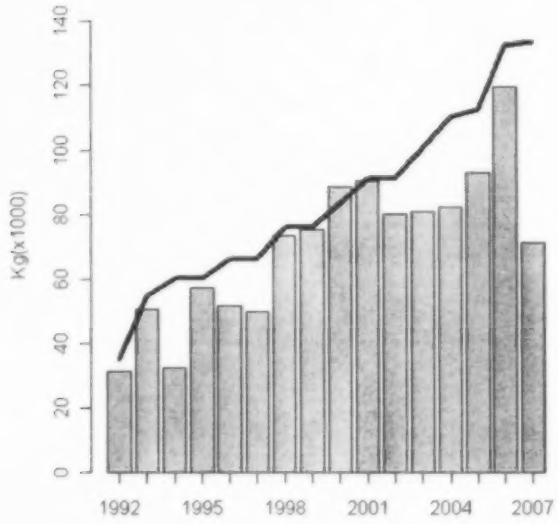

Figure 5-9.1. Lake whitefish quota (line) and harvest (bars) from management area 5-9.

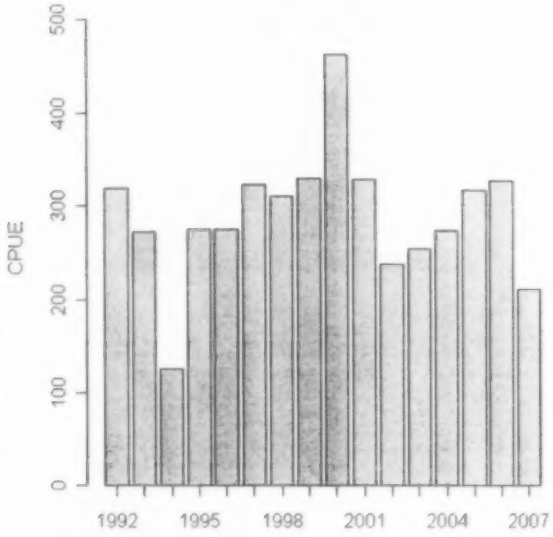

Figure 5-9.2. Lake whitefish gill net CPUE (kg/km) for management area 5-9.

Table 5-9.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-9, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	20680	81.0	235.1	40710	50.7
1991	38521	136.4	268.4	44590	86.3
1992	31403	97.2	320.0	35320	88.9
1993	50883	185.3	272.4	54743	92.9
1994	32652	258.1	125.8	60217	54.2
1995	57290	206.7	275.1	60217	95.1
1996	52020	186.4	274.7	66239	78.5
1997	49834	154.4	322.6	66239	75.2
1998	73678	237.7	309.9	76267	96.6
1999	75334	228.9	329.1	76267	98.7
2000	88660	192.0	461.7	83493	106.1
2001	90477	275.6	328.4	91292	99.1
2002	80382	337.2	238.3	91292	88.0
2003	80898	317.7	254.7	100421	80.5
2004	82590	302.7	273.2	110463	74.7
2005	93244	295.0	317.3	112884	82.6
2006	119872	367.5	326.5	132797	90.2
2007	71389	338.7	211.2	133660	53.4

CHUB

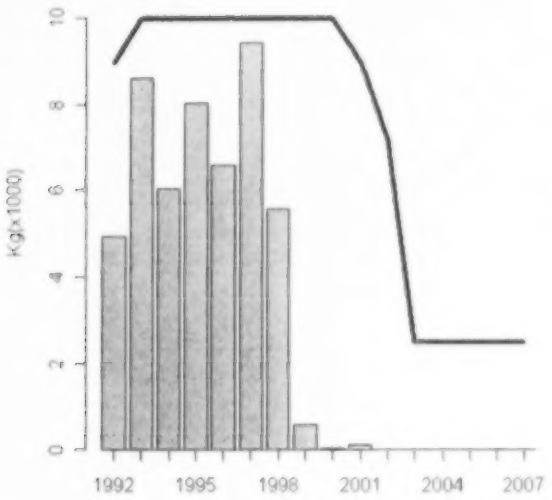

Figure 5-9.3. Chub quota (line) and harvest (bars) from management area 5-9.

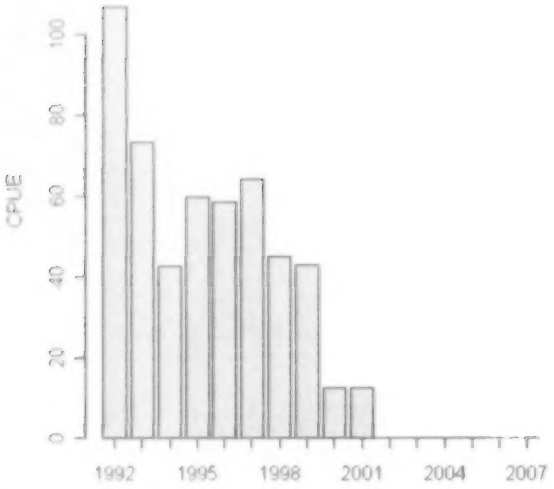

Figure 5-9.4. Chub gill net CPUE (kg/km) for management area 5-9.

Table 5-9.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-9, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	9988	68.5	145.8	9958	100.3
1991	7163	59.6	120.0	9958	71.9
1992	4937	46.0	106.9	8963	55.0
1993	8581	117.0	73.3	9958	86.1
1994	6033	141.7	42.5	9958	60.5
1995	8009	133.5	59.7	9958	80.4
1996	6588	109.2	58.5	9958	66.1
1997	9412	146.7	64.1	9958	94.5
1998	5556	119.3	44.8	9958	55.7
1999	578	13.5	42.8	9958	5.8
2000	40	3.2	12.5	9958	0.4
2001	120	9.6	12.4	8962	1.3
2002	4	0.0	--	7170	0.0
2003	0	0.0	--	2489	0.0
2004	17	0.0	--	2490	0.6
2005	0	0.0	--	2489	0.0
2006	1	0.0	--	2489	0.0
2007	0	0.0	--	2490	0.0

LAKE TROUT

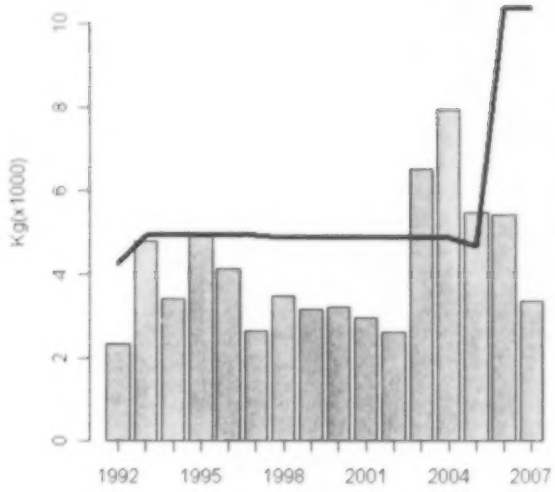

Figure 5-9.5. Lake trout quota (line) and harvest (bars) from management area 5-9.

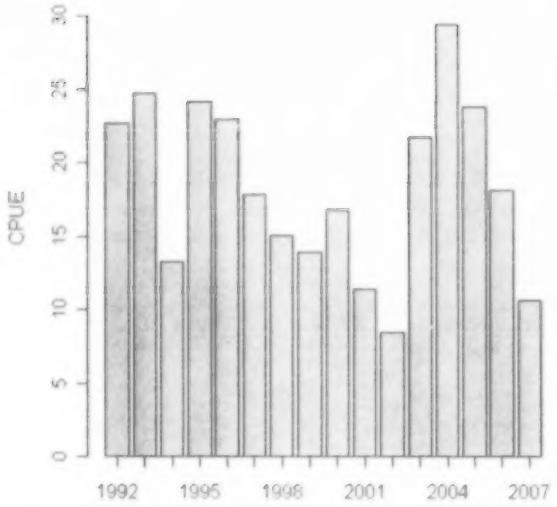

Figure 5-9.6. Lake trout gill net CPUE (kg/km) for management area 5-9.

Table 5-9.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-9, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	4880	40.9	4937	98.8
1991	4732	31.1	4927	96.0
1992	2341	22.6	4240	55.2
1993	4800	24.7	4937	97.2
1994	3427	13.2	4937	69.4
1995	4992	24.1	4937	101.1
1996	4115	22.9	4937	83.3
1997	2645	17.8	4937	53.5
1998	3468	15.0	4882	71.0
1999	3158	13.9	4882	64.6
2000	3210	16.7	4882	65.7
2001	2962	11.3	4882	60.6
2002	2614	8.5	4882	53.5
2003	6493	21.6	4882	132.9
2004	7937	29.4	4882	162.5
2005	5479	23.8	4660	117.5
2006	5414	18.1	10349	52.3
2007	3347	10.6	10349	32.3

NORTH CHANNEL

Table 6.1. Catch, harvest, and quota data for all commercially caught fish species in the North Channel of Lake Huron, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	35	0	6,661	0.0	0
Chub	9	1	0	--	0
Lake Herring	13,863	12,629	23,650	53.4	6,682
Lake Sturgeon	1,596	408	4,456	9.2	1,394
Lake Trout	18,236	17,315	47,548	36.4	11,452
Lake Whitefish	179,507	177,911	355,864	50.0	313,778
Northern Pike	858	787	9,558	8.2	1,232
Walleye	13,337	11,716	14,094	83.1	51,400
Yellow Perch	1,763	1,763	23,771	7.4	8,084
Sub-Total	229,205	222,530	485,602		394,022
Brown Bullhead	30	9			0
Burbot	4,075	49			0
Chinook Salmon	1,967	0			0
Common Carp	44	0			0
Freshwater Drum	3	0			0
Pink Salmon	180	95			0
Rainbow Smelt	86	45			0
Rainbow Trout	54	11			0
Redhorse Suckers	449	0			0
Rock Bass	59	0			0
Round Whitefish	3,325	1,995			1,188
Sea Lamprey	744	744			0
Suckers	14,100	173			0
Sunfish	1	0			0
White Bass	251	0			0
Total	254,573	225,651	485,602		395,210

MANAGEMENT AREA 6-1

Table 6-1.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 6-1, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	35	0	6,434	0.0	0
Chub	9	1	0	--	0
Lake Herring	13,719	12,485	23,400	53.4	6,606
Lake Sturgeon	1,596	408	4,456	9.2	1,394
Lake Trout	17,413	16,493	44,925	36.7	10,908
Lake Whitefish	175,373	173,807	351,162	49.5	306,540
Northern Pike	858	787	9,158	8.6	1,232
Walleye	13,337	11,716	14,094	83.1	51,400
Yellow Perch	1,763	1,763	23,084	7.6	8,084
Sub-Total	224,104	217,460	476,713		386,164
Brown Bullhead	30	9			0
Burbot	4,075	49			0
Chinook Salmon	1,967	0			0
Common Carp	44	0			0
Freshwater Drum	3	0			0
Pink Salmon	180	95			0
Rainbow Smelt	86	45			0
Rainbow Trout	54	11			0
Redhorse Suckers	449	0			0
Rock Bass	59	0			0
Round Whitefish	3,108	1,778			1,058
Sea Lamprey	744	744			0
Suckers	14,100	173			0
Sunfish	1	0			0
White Bass	251	0			0
Total	249,256	220,364	476,713		387,223

LAKE WHITEFISH

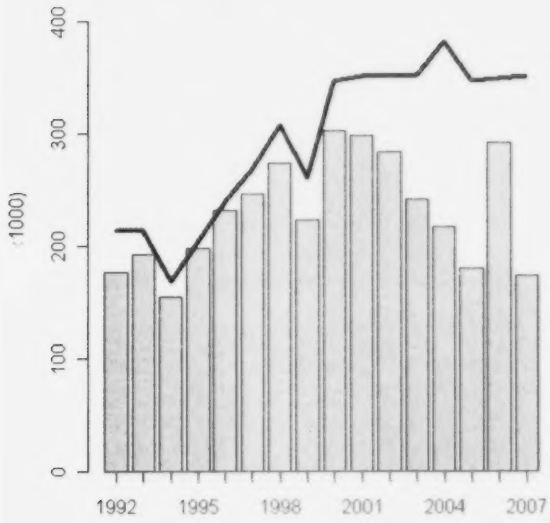

Figure 6-1.1. Lake whitefish quota (line) and harvest (bars) from management area 6-1.

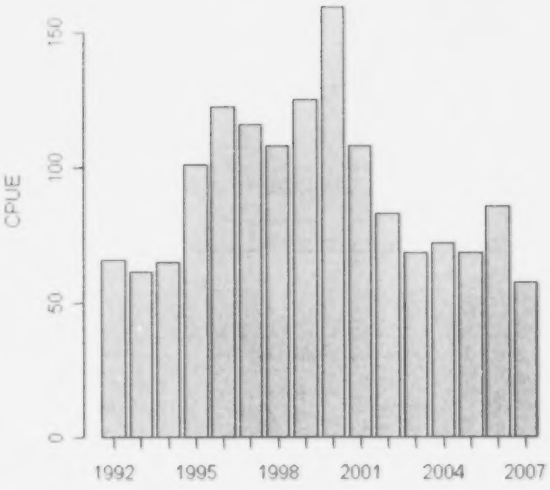

Figure 6-1.2. Lake whitefish gill net CPUE (kg/km) for management area 6-1.

Table 6-1.2. Lake whitefish harvest, targeted effort, CPUE and quota data from quota management area 6-1, 1990 to 2007.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1990	128294	7784	136078	2427.3	194.0	47.0	38.2	217577	62.5
1991	156165	11654	167819	2177.4	114.0	66.0	102.2	216576	77.4
1992	174753	2709	177462	2490.8	42.0	65.7	64.4	214342	82.7
1993	175757	17226	192983	2733.8	179.0	61.0	95.9	214306	90.0
1994	154623	145	154768	2383.2	3.0	64.6	74.0	169065	91.5
1995	197560	711	198271	1953.2	8.0	100.5	88.9	205027	96.7
1996	232424	0	232424	1894.8	0.0	122.2	0.0	239665	96.9
1997	246485	0	246485	2127.8	0.0	115.5	0.0	268173	91.9
1998	273682	0	273682	2532.4	0.0	107.6	0.0	307458	89.0
1999	223238	0	223238	1783.8	0.0	124.7	0.0	260489	85.6
2000	302056	0	302056	1628.4	0.0	159.0	0.0	346457	87.1
2001	298124	0	298124	2439.3	0.0	107.6	0.0	351300	84.8
2002	283146	0	283146	3246.8	0.0	82.8	0.0	351300	80.5
2003	240767	801	241568	2880.2	6.0	68.4	180.2	351300	68.7
2004	217143	0	217143	2834.5	0.0	71.8	0.0	381101	56.9
2005	180741	0	180741	2651.0	0.0	68.2	0.0	347082	52.0
2006	292272	0	292272	3126.0	0.0	85.1	0.0	349239	83.6
2007	173807	0	173807	2936.8	0.0	57.3	0.0	351162	49.4

YELLOW PERCH

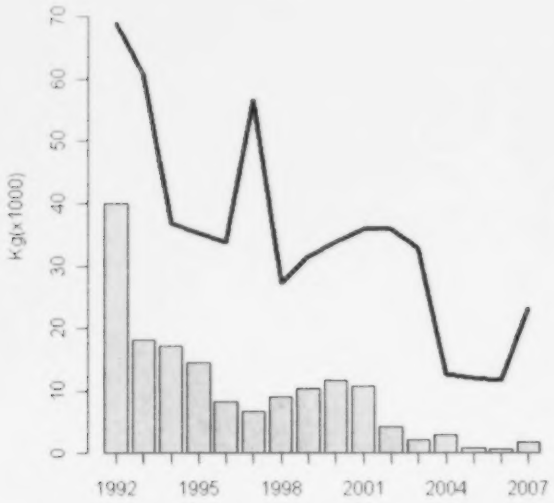

Figure 6-1.3. Yellow perch quota (line) and harvest (bars) from management area 6-1.

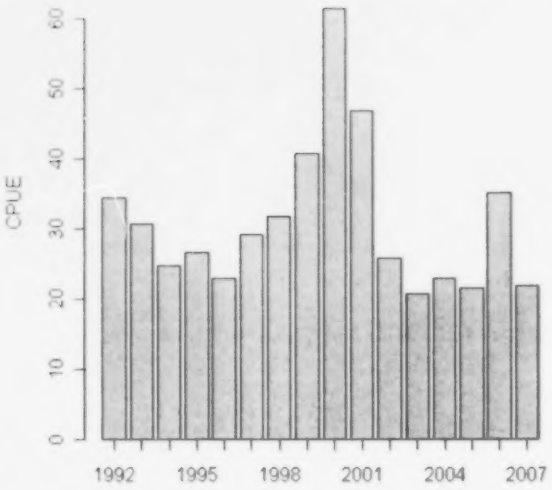

Figure 6-1.4. Yellow perch gill net CPUE (kg/km) for management area 6-1.

Table 6-1.3. Yellow perch harvest, targeted effort, CPUE and quota data from quota management area 6-1, 1990 to 2007.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1990	41416	181	41597	902.1	4.0	44.9	20.0	72916	57.2
1991	50202	11	50213	1177.5	0.0	40.9	0.0	67418	74.8
1992	37353	0	37353	1038.5	0.0	34.3	0.0	68793	58.0
1993	17227	0	17227	516.2	0.0	30.7	0.0	60676	30.0
1994	16749	0	16749	674.8	0.0	24.8	0.0	36773	46.7
1995	14468	0	14468	541.3	0.0	26.7	0.0	35155	41.1
1996	8260	0	8260	358.4	0.0	22.9	0.0	33802	24.4
1997	6711	0	6711	227.3	0.0	29.2	0.0	56498	11.8
1998	8976	0	8976	279.7	0.0	31.7	0.0	27319	32.8
1999	10338	0	10338	254.4	0.0	40.6	0.0	31424	32.8
2000	11711	0	11711	196.2	0.0	61.3	0.0	33658	34.7
2001	10665	0	10665	216.6	0.0	46.8	0.0	35750	29.8
2002	4351	0	4351	167.3	0.0	25.8	0.0	35750	12.1
2003	2172	0	2172	103.5	0.0	20.6	0.0	32837	6.6
2004	2923	0	2923	112.0	0.0	22.8	0.0	12651	23.1
2005	868	0	868	40.1	0.0	21.5	0.0	12148	7.1
2006	657	0	657	16.7	0.0	35.2	0.0	11617	5.6
2007	1763	0	1763	76.3	0.0	21.8	0.0	23084	7.6

WALLEYE

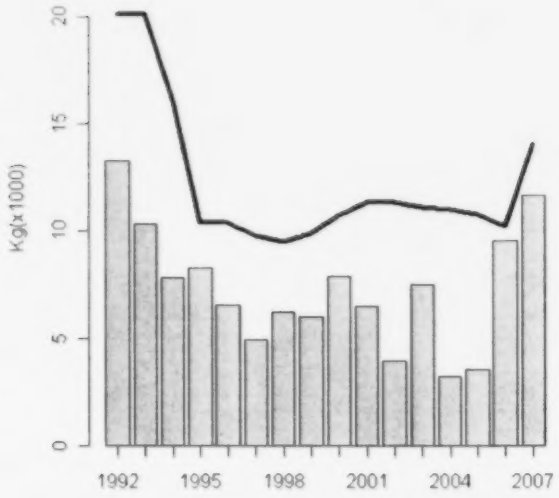

Figure 6-1.5. Walleye quota (line) and harvest (bars) from management area 6-1.

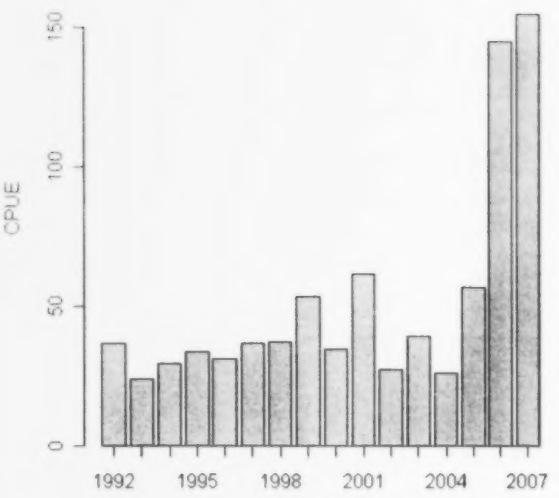

Figure 6-1.6. Walleye gill net CPUE (kg/km) for management area 6-1.

Table 6-1.4. Walleye harvest, targeted effort, CPUE and quota data from quota management area 6-1, 1990 to 2007.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1990	11242	652	11894	266.2	6.0	27.9	24.3	21224	58.3
1991	12143	492	12635	211.7	4.0	33.9	30.8	20069	62.9
1992	12868	33	12901	284.5	0.0	36.8	0.0	20112	66.1
1993	10239	98	10337	301.9	2.0	24.3	2.7	20109	51.5
1994	7830	0	7830	222.5	0.0	29.8	0.0	16100	48.6
1995	8243	80	8323	217.6	0.0	34.0	0.0	10385	80.1
1996	6559	0	6559	170.7	0.0	31.3	0.0	10431	63.2
1997	4962	0	4962	114.0	0.0	36.9	0.0	9818	50.5
1998	6256	0	6256	128.9	0.0	37.2	0.0	9524	65.6
1999	6023	0	6023	94.7	0.0	53.3	0.0	9924	60.6
2000	7907	0	7907	45.9	0.0	34.9	0.0	10724	73.7
2001	6540	0	6540	29.2	0.0	61.5	0.0	11329	57.7
2002	3952	0	3952	39.4	0.0	27.5	0.0	11329	34.8
2003	7546	0	7546	30.1	0.0	39.5	0.0	11124	67.8
2004	3239	0	3239	31.0	0.0	26.1	0.0	11011	29.4
2005	3568	0	3568	31.3	0.0	57.1	0.0	10821	32.9
2006	9578	0	9578	34.1	0.0	144.9	0.0	10269	93.2
2007	11716	0	11716	40.5	0.0	154.6	0.0	14094	83.1

LAKE TROUT

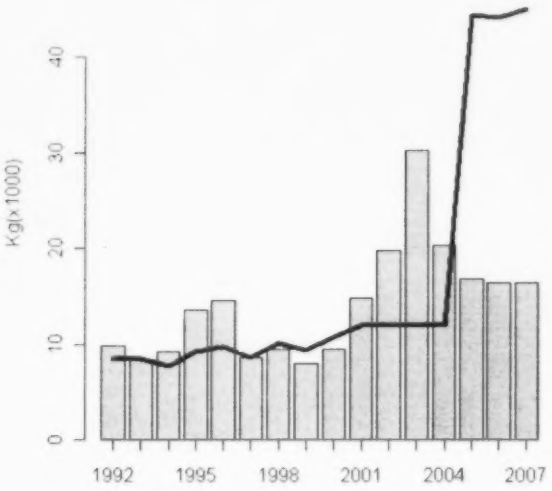

Figure 6-1.7. Lake trout quota (line) and harvest (bars) from management area 6-1.

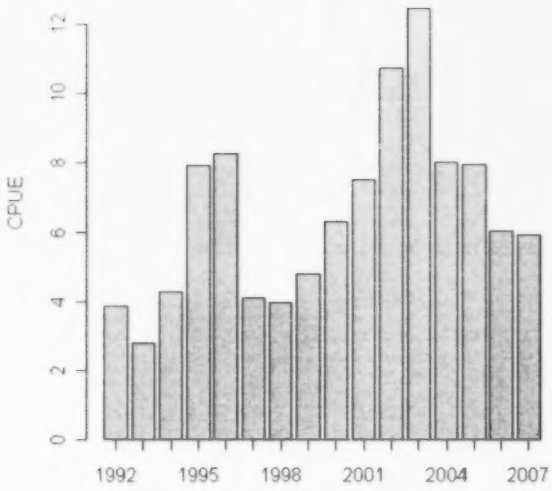

Figure 6-1.8. Lake trout gill net CPUE (kg/km) for management area 6-1.

Table 6-1.5. Lake trout harvest, CPUE and quota data from gill nets in quota management area 6-1, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	7130	2.8	7735	92.1
1991	8611	3.8	7232	119.0
1992	9852	3.8	8494	115.9
1993	8346	2.7	8494	98.2
1994	9212	4.2	7714	119.4
1995	13538	7.9	9195	147.2
1996	14610	8.2	9699	150.6
1997	8648	4.1	8628	100.2
1998	9504	3.9	10102	94.0
1999	8045	4.7	9387	85.7
2000	9450	6.2	10787	87.6
2001	14811	7.4	12000	123.4
2002	19748	10.7	11958	165.1
2003	30171	12.4	11958	252.3
2004	20220	7.9	11958	169.0
2005	16780	7.9	44296	37.8
2006	16374	6.0	44068	37.1
2007	16493	5.9	44925	36.7

LAKE STURGEON

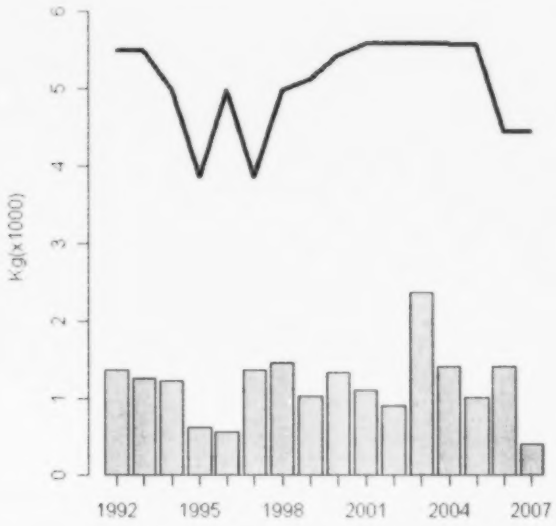

Figure 6-1.9. Lake sturgeon quota (line) and harvest (bars) from management area 6-1.

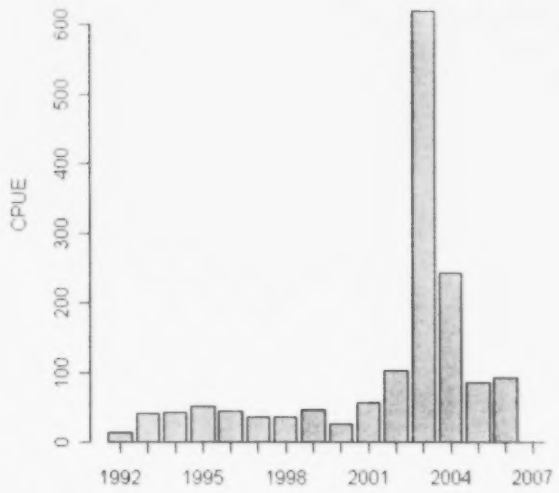

Figure 6-1.10. Lake sturgeon gill net CPUE (kg/km) for management area 6-1.

Table 6-1.6. Lake sturgeon harvest, targeted effort, CPUE and quota data from gill nets in quota management area 6-1, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	757	6.0	6.6	7911	9.5
1991	1732	6.2	149.3	5493	31.5
1992	1365	35.8	14.0	5493	24.8
1993	1260	10.2	41.6	5493	22.9
1994	1229	15.0	44.4	4985	24.6
1995	628	6.5	52.1	3865	16.2
1996	566	8.5	44.6	4985	11.3
1997	1359	21.7	36.9	3865	35.1
1998	1450	23.9	36.6	4985	29.0
1999	1021	17.2	46.8	5135	19.8
2000	1336	14.4	26.8	5435	24.5
2001	1110	2.2	59.0	5585	19.8
2002	900	1.1	111.4	5585	16.1
2003	2371	0.5	638.4	5585	42.4
2004	1407	0.8	249.7	5585	25.1
2005	1011	5.1	86.9	5576	18.1
2006	1409	6.0	93.8	4456	31.6
2007	408	0.0	--	4456	9.1

NORTHERN PIKE

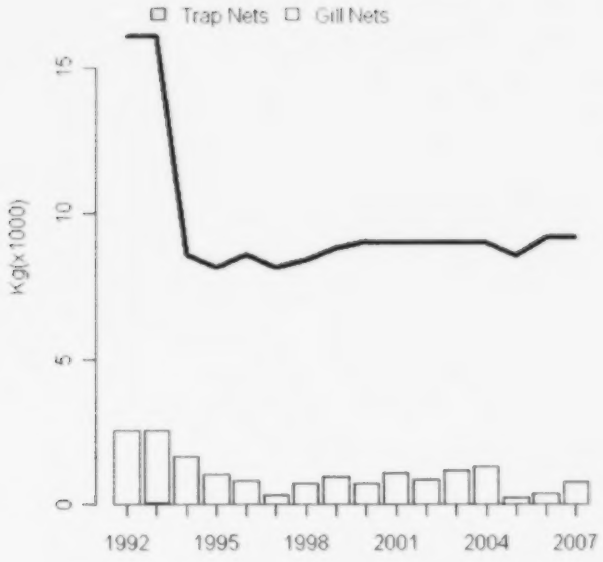

Figure 6-1.11. Northern pike quota (line) and harvest (bars) from management area 6-1.

Table 6-1.7. Northern pike harvest and quota for management area 6-1, 1990 to 2007.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1990	6712	18729	37.6
1991	4071	16036	35.2
1992	4076	16037	35.8
1993	2564	16036	25.3
1994	1674	8579	25.4
1995	1060	8125	15.5
1996	959	8579	19.5
1997	347	8125	12.3
1998	739	8392	11.1
1999	932	8792	4
2000	746	8992	8.4
2001	1081	8979	10.6
2002	863	8979	8.2
2003	1152	8979	11.8
2004	1295	8979	9.6
2005	240	8512	12.6
2006	360	9158	14.2
2007	787	9158	1.3

LAKE HERRING

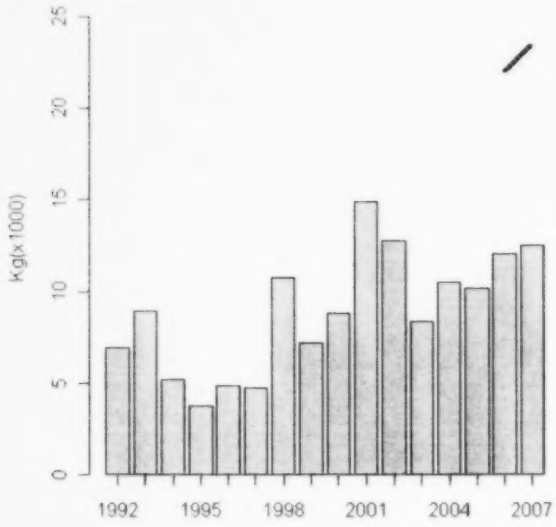

Figure 6-1.11. Lake herring quota (line) and harvest (bars) from management area 6-1.

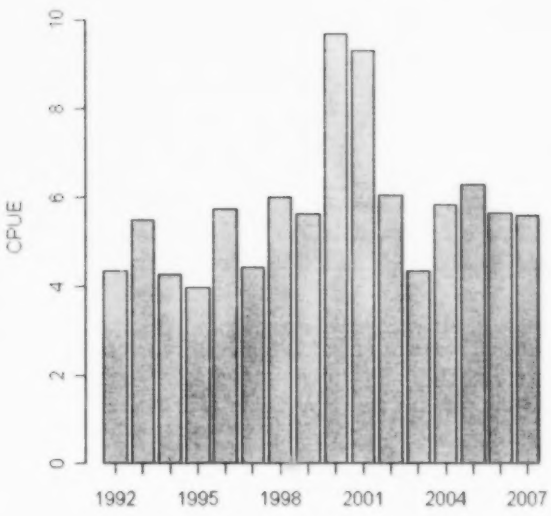

Figure 6-1.12. Lake herring gill net CPUE (kg/km) for management area 6-1.

Table 6-1.8. Lake herring harvest, effort, CPUE and quota data from gill nets in quota management area 6-1, 1990 to 2007. Effort used to calculate CPUE was lake whitefish effort that caught lake herring.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	10743	753.0	5.0	--	--
1991	18789	780.0	2.9	--	--
1992	6952	566.6	4.3	--	--
1993	8959	996.4	5.4	--	--
1994	5232	966.0	4.2	--	--
1995	3780	607.7	3.9	--	--
1996	4884	700.9	5.7	--	--
1997	4717	769.3	4.4	--	--
1998	10762	1530.8	5.9	--	--
1999	7216	1041.1	5.6	--	--
2000	8796	881.2	9.6	--	--
2001	14900	1558.3	9.2	--	--
2002	12786	2150.5	6.0	--	--
2003	8397	1851.6	4.3	--	--
2004	10505	1874.5	5.8	--	--
2005	10181	1944.2	6.2	--	--
2006	12064	2543.6	5.6	22000	54.8
2007	12485	2388.2	5.5	23400	53.3

MANAGEMENT AREA 6-3

Table 6-3.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 6-3, 2007.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	227	0.0	0
Chub	0	0	0	--	0
Lake Herring	144	144	250	57.6	76
Lake Sturgeon	0	0	0	--	0
Lake Trout	822	822	2,623	31.3	544
Lake Whitefish	4,135	4,104	4,702	87.3	7,238
Northern Pike	0	0	400	0.0	0
Walleye	0	0	0	--	0
Yellow Perch	0	0	687	0.0	0
Sub-Total	5,101	5,070	8,889		7,987
Round Whitefish	217	217			129
Total	5,317	5,287	8,889		7,987

LAKE WHITEFISH

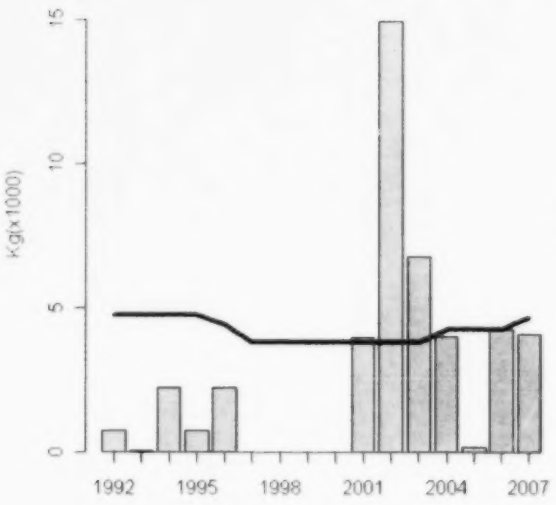

Figure 6-3.1. Lake whitefish quota (line) and harvest (bars) from management area 6-3.

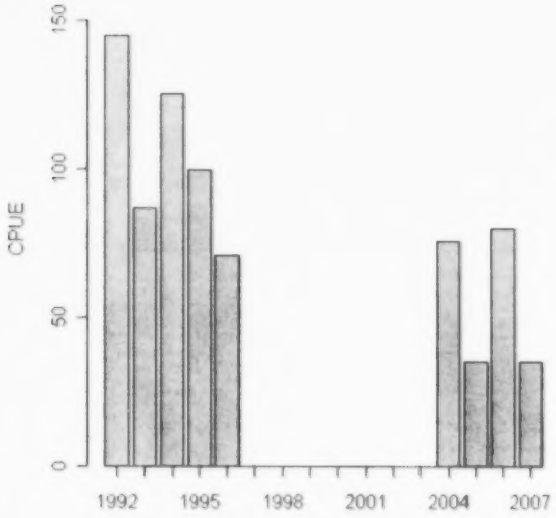

Figure 6-3.2. Lake whitefish gill net CPUE (kg/km) for management area 6-3.

Table 6-3.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 6-3, 1990 to 2007.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	2505	13.5	183.5	4774	52.4
1991	1145	2.9	394.1	4774	23.9
1992	770	3.2	148.7	4774	16.1
1993	62	0.3	105.8	4774	1.2
1994	2267	18.0	125.0	4774	47.4
1995	765	7.6	100.6	4774	16.0
1996	2271	21.4	71.3	4432	51.2
1997	0	0.0	--	3818	0.0
1998	0	0.0	--	3818	0.0
1999	0	0.0	--	3818	0.0
2000	0	0.0	--	3818	0.0
2001	3980	0.0	--	3818	104.2
2002	14962	0.0	--	3818	391.8
2003	6782	0.0	--	3818	177.6
2004	4020	53.2	75.5	4274	94.0
2005	193	5.4	35.7	4274	4.5
2006	4267	53.2	80.2	4274	99.8
2007	4104	115.5	35.5	4702	87.2

LAKE TROUT

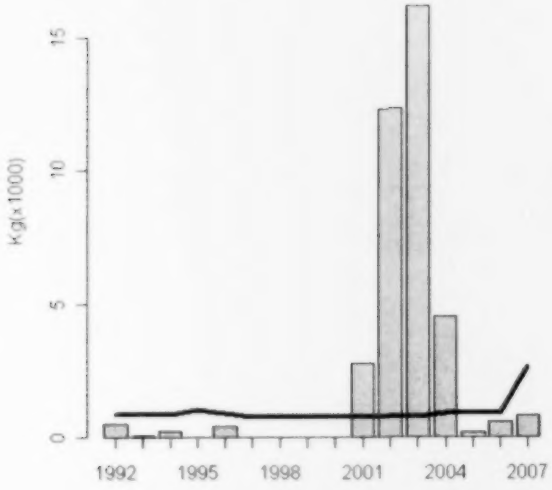

Figure 6-3.3. Lake trout quota (line) and harvest (bars) from management area 6-3.

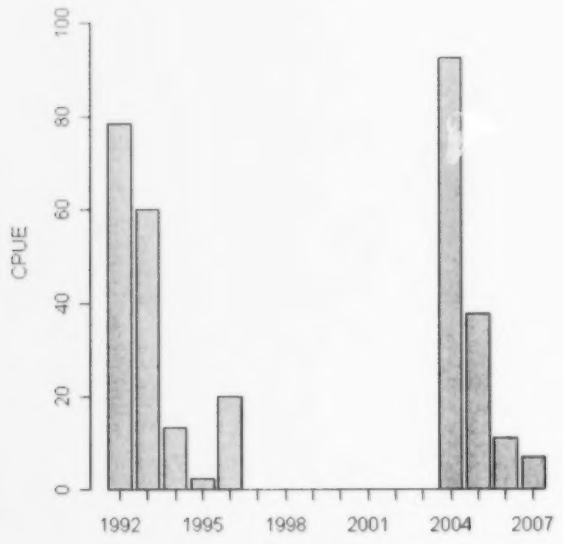

Figure 6-3.4. Lake trout gill net CPUE (kg/km) for management area 6-3.

Table 6-3.3. Lake trout harvest, CPUE and quota data from gill nets in quota management area 6-3, 1990 to 2007. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1990	551	33.8	774	71.1
1991	361	70.4	888	40.6
1992	517	78.5	888	58.2
1993	88	60.1	888	9.9
1994	259	13.3	888	29.1
1995	19	2.4	1032	1.8
1996	428	19.9	904	47.3
1997	0	--	772	0.0
1998	0	--	772	0.0
1999	0	--	772	0.0
2000	0	--	772	0.0
2001	2757	--	772	357.1
2002	12306	--	772	1594.0
2003	16092	--	772	2084.4
2004	4495	92.3	903	497.7
2005	207	37.7	903	22.9
2006	596	11.1	900	66.2
2007	822	7.1	2623	31.3